

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-K

Annual Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the fiscal year ended December 31, 2024

OR

Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the transition period from _____ to _____

Commission file number 033-90866

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

25-1615902

(State or other jurisdiction of
incorporation or organization)

(IRS Employer
Identification No.)

30 Isabella Street

Pittsburgh, Pennsylvania 15212

(412) 825-1000

(Address of principal executive offices, including zip code)

(Registrant's telephone number)

Securities registered pursuant to Section 12(b) of the Act:

Class	Trading Symbol	Name of Exchange on which registered
Common Stock, par value \$.01 per share	WAB	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No .

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Act. Yes No .

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes No .

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files) Yes No .

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-accelerated filer

Emerging growth company Smaller reporting company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The registrant estimates that as of June 30, 2024, the aggregate market value of the voting shares held by non-affiliates of the registrant was approximately \$ 24.4 billion based on the closing price on the New York Stock Exchange for such stock.

As of February 7, 2025, 170,848,147 shares of Common Stock of the registrant were issued and outstanding.

DOCUMENTS INCORPORATED BY REFERENCE:

Portions of the Proxy Statement for the registrant's Annual Meeting of Stockholders to be held on May 15, 2025 are incorporated by reference into Part III of this Form 10-K.

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PART I

Item 1. BUSINESS

General

Westinghouse Air Brake Technologies Corporation, doing business as Wabtec Corporation, is a Delaware corporation with headquarters at 30 Isabella Street in Pittsburgh, Pennsylvania. Our telephone number is 412-825-1000, and our website is located at www.wabteccorp.com. Except as the context otherwise requires, all references to "we", "our", "us", the "Company" and "Wabtec" refer to Westinghouse Air Brake Technologies Corporation and its consolidated subsidiaries. George Westinghouse founded the original Westinghouse Air Brake Co. in 1869 when he invented the air brake. Westinghouse Air Brake Company ("WABCO") was formed in 1990 when it acquired certain assets and operations from American Standard, Inc., now known as Trane ("Trane"). The Company went public on the New York Stock Exchange in 1995.

Throughout the years, the Company has made a number of strategic acquisitions leading the Company to where it is today. These have primarily included:

- the 1999 merger with MotivePower Industries, Inc. whereby the Company adopted its current name of Westinghouse Air Brake Technologies Corporation, or Wabtec;
- the 2017 acquisition of Faiveley Transport, S.A. ("Faiveley Transport"), a leading provider of value-added, integrated systems and services, primarily for the global transit rail market. Based in France, the Faiveley Transport business has roots to 1919 and made Wabtec a leader in manufacturing pantographs, automatic door mechanisms, air conditioning systems, railway braking systems and couplers; and,
- the 2019 acquisition of GE Transportation, a business unit of General Electric Company. This brought a global technology leader and supplier of locomotives, equipment, services and digital solutions to the rail, mining, marine, stationary power and drilling industries into Wabtec.

As a result of those strategic acquisitions, as well as other smaller acquisitions and organic growth, Wabtec is a global provider of value-added, technology-based locomotives, equipment, systems and services for the freight rail and passenger transit industries, and the mining, marine, and industrial markets. Wabtec has approximately 29,500 employees, excluding contingent workers, and operations in over 50 countries. Our highly engineered products, which are intended to enhance safety, improve productivity and reduce maintenance costs for customers, can be found on most locomotives, freight cars, passenger transit cars and buses around the world.

Industry Overview

The Company primarily serves the global freight rail and passenger transit industries. As such, our operating results are largely dependent on the level of activity, financial condition and capital spending plans of freight railroads and passenger transit agencies around the world, and transportation equipment manufacturers who serve those markets. Many factors influence these industries, including general economic conditions; traffic volumes, as measured by freight carloads and passenger ridership; government spending on public transportation; and investment in new technologies. In general, trends such as urbanization and growth in developing markets, sustainability and environmental awareness, investment in technology solutions, an aging equipment fleet, and growth in global trade are expected to drive continued investment in freight rail and passenger transit.

The Association of the European Rail Industry, UNIFE, advocates for and represents European train builders and rail suppliers. UNIFE publishes a biennial market study that provides an overview of the market in its current form and a forecast of its future development in different regions and market segments. The 2024 biennial edition of the study concluded that the global rail market grew 2.7% in the 2021 to 2023 period as the industry started recovering from the negative impacts of the COVID-19 pandemic and forecasts the industry to continue with a compound annual growth rate of 3% through 2027.

As growth continues, Wabtec expects to have additional opportunities to provide products and services in these markets. New technologies offered by Wabtec can provide solutions to improve safety, cost and reliability of rail, as well as support the modernization of the global rail fleets. Consistent with the UNIFE study, increased investment in infrastructure improvements, digitalization and automation is expected, all of which would improve efficiency in the global rail industry.

Business Segments and Products

We provide our products and services through two principal business segments, the Freight Segment and the Transit Segment, both of which have different market characteristics and business drivers. The Freight Segment primarily manufactures new and modernized locomotives; provides aftermarket parts and services to existing locomotives; provides components to new and existing freight cars; builds new commuter locomotives; supplies rail control and infrastructure products including electronics, positive train control equipment, signal design and engineering services; provides a comprehensive suite of

software-enabled solutions designed to improve customer safety, efficiency and productivity in the transportation and mining industries; overhauls locomotives; and provides heat exchangers and cooling systems for rail and other industrial markets. Customers include large, publicly traded railroads, leasing companies, manufacturers of original equipment such as locomotives and freight cars, utilities, and companies in the mining, marine, and industrial markets. We are a global manufacturer of diesel-electric locomotives for freight railroads producing essential products and solutions that help railroads reduce operating costs, decrease fuel use, minimize downtime and comply with emissions standards. As a result of the large base of nearly 24,000 locomotives, Wabtec's Services product line of modernizing, rebuilding and overhauling, remanufacturing, maintaining, and exchanging locomotives and components in the aftermarket provides a significant, recurring revenue stream. In 2024, the Freight Segment accounted for approximately 72% of Wabtec's total net sales, with approximately 59% of its net sales in the U.S. and approximately 61% of the Freight Segment's net sales were in the aftermarket.

The Transit Segment primarily manufactures and services components for new and existing passenger transit vehicles, typically regional trains, high speed trains, subway cars, light-rail vehicles and buses; and supplies rail control and infrastructure products including electronics, signal design and engineering services. Customers include public transit authorities and municipalities, leasing companies, manufacturers of passenger transit vehicles and buses, and companies in the electrical generation, distribution, and charging industries. In 2024, the Transit Segment accounted for approximately 28% of our total net sales, with approximately 18% of its net sales in the U.S. The Transit Segment maintains a large installed base of original equipment globally which allows for a significant recurring revenue stream in the aftermarket. Approximately 55% of the Transit Segment's net sales are in the aftermarket.

The following is a summary of our primary products and services in both aftermarket and original equipment across both of our business segments:

Equipment:

- Diesel-electric and liquid natural gas powered locomotives for freight and transit
- Engines, electric motors and premium propulsion systems used in locomotives, mining, marine, stationary power and drilling applications
- Marine and mining products

Digital Intelligence Products:

- Positive Train Control ("PTC") equipment and electronically controlled pneumatic braking products
- Railway electronics, including event recorders, monitoring equipment and end of train devices
- Signal design and engineering services
- Train performance such as distributed locomotive power, train 'cruise control', and train remote control
- Transport intelligence such as Industrial/mobile Internet of Things (IoT) hardware & software, edge-to-cloud, on and off-board analytics & rules, and asset performance management
- Transport logistics such as rail and shipper transportation management and port visibility and optimization
- Network optimization such as rail network scheduling, dispatch and optimization, intermodal, terminal management and optimization, and rail yard management and optimization

Components:

- Freight car trucks and braking equipment and related components for freight applications
- Air compressors, dryers and HVAC systems
- Heat transfer components and systems for diesel and gas engine cooling, generator and transformer coolers and high temperature applications
- Custom engineered burners and combustion systems
- Railgear, signaling and switch products
- Turbochargers for industrial and aftermarket vehicle applications

Services:

- Freight locomotive overhauls, modernizations and refurbishment
- Master service agreements for locomotive and car maintenance
- Transit locomotive and car overhaul
- Unit exchange of locomotive components
- Long term parts arrangements
- Maintenance of way equipment and services

Transit Products:

- Railway and freight braking equipment and related components, including high-speed passenger transit vehicles
- Friction products, including brake shoes, discs and pads

- Heating, ventilation and air conditioning equipment
- Access doors and platform screen doors
- Pantographs
- Auxiliary power converter and battery charging
- Passenger information systems and closed-circuit television
- Signaling and railway electric relays
- Doors, window assemblies, accessibility lifts, ramps and electric charging solutions for buses

Wabtec is utilizing a flexible and growing portfolio of freight rail and passenger transit products and innovative technologies to support customers' sustainability goals and targets. From pioneering advancements to current signaling systems and network efficiency solutions, we are striving to increase the rail capacity to move more freight by train. Wabtec is working to reduce existing locomotive fleet emissions through fuel-efficiency solutions and testing renewable diesel and biofuels. We are also conducting collaborative research and development efforts with the National Laboratories to support the use of hydrogen to lower emissions across the rail industry. In 2024, Canadian National Railway Company, Norfolk Southern and Union Pacific Railroad each recognized Wabtec's leadership in sustainability, energy efficiency, innovation, and environmental stewardship with partnership awards. This was Wabtec's second year in a row receiving the Thoroughbred Sustainability Partner Award from Norfolk Southern. Wabtec also is implementing energy-reducing technologies for the passenger transit sector. In 2022, Wabtec received sustainability awards from both the German Ministry of Transportation and Deutsche Bahn and for our Green Air heating, ventilation, and air conditioning (HVAC) solution.

In recent years, we have also introduced a number of significant new products, including PTC equipment that encompasses onboard digital data and global positioning communication protocols. We are making additional investments in this technology which we believe will provide customers with opportunities to improve safety and efficiency, in part through data analytics solutions. During 2023, Wabtec also expanded the Digital Intelligence portfolio with entry into the railcar telematics market.

For additional information on our business segments, see Note 19 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report.

Competitive Strengths

Through both organic growth and strategic acquisitions, Wabtec has developed the following competitive strengths:

- **Iconic legacy and strong reputation with a history of over 150 years of innovation** . Wabtec has been transforming the rail landscape through various innovations and technologies for over 150 years. We have a long history of advancing technologies to meet customer needs and have been recognized for the development and production of locomotives, equipment, including PTC equipment, and systems for the freight rail and passenger transit industries. We are also a service provider for freight rail and passenger transit vehicles.
- **Breadth of product offering with a stable mix of original equipment market (OEM) and aftermarket business** . Our comprehensive product portfolio and service offerings span the freight rail and passenger transit industries, as well as the bus, mining, marine, and industrial markets, which help Wabtec balance the cyclical nature of the global rail business. We provide our products in both the original equipment market and the aftermarket. Our substantial installed base of products with end-users, such as the railroads and the passenger transit authorities, is a significant competitive advantage for providing products and services to the aftermarket because these customers often look to purchase safety- and performance-related replacement parts and technology upgrades from the original equipment components supplier. Wabtec has an installed base of nearly 24,000 locomotives, as well as a diverse offering of Transit locomotives and cars both internationally and domestically. Our significant installed base enables opportunities in the aftermarket parts and services business.
- **Leading design and engineering capabilities**. We believe a hallmark of our relationship with our customers has been our leading design and engineering practice, which has assisted in the improvement and modernization of global railway equipment. Wabtec's engineers and technical capabilities support continued focus on innovative product development and efforts to achieve scalable technologies. We believe both our customers and government authorities value our technological capabilities and commitment to innovation, as we seek not only to enhance the efficiency and profitability of our customers, but also to improve the overall safety of the railways through continuous improvement of product performance. To that end, we have assembled a wide range of patented products, which we believe provides us with a competitive advantage that enhances our customers' safety, productivity, reliability and capacity.
- **Driving fuel efficiency for the rail industry**. We have taken significant steps to drive fuel efficiency in global transport and make our world safer, smarter and greener. Wabtec is advancing our sustainability priorities both through our own commitments to our people, communities, and planet, as well as by innovating next generation technologies that reduce

emissions, energy consumption and waste, and increase fuel efficiency for our customers through advancements in our equipment and digital solutions.

- **Driving the digital transformation of the rail industry.** Our early investment in data analytics and software has allowed us to become a strategic partner for customers looking to derive new value from existing assets, digitally transform their operations and enhance their network optimization. Through these initiatives, our digital solutions have helped to transform many distribution channels in the transportation industry including mine to ports, from shipper to receiver, from port to intermodal terminals to main line locomotives and railcars and across train yards and operation centers. The breadth of our Digital Intelligence solutions gives customers confidence in our ability to address their current and future needs with the latest digital technologies.
- **Strategic partnerships with longstanding customers and other key stakeholders.** We listen to our key stakeholders and focus on areas where Wabtec can enable the most meaningful impact for our customers, communities, and the world. Transformational change requires collaboration, so we are committed to accelerating progress by partnering with customers, government leaders, corporations, universities, and other key stakeholders. For example, we have partnered with a customer, as well as an artificial intelligence and robotics institution to create technologies that will further decarbonize freight rail transport, improve freight safety, and generate greater rail network utilization. By working together with these partners and others, we are developing advanced solutions for the industry to realize the zero-emission rail network of the future.
- **Experience with industry regulatory requirements.** The freight rail and passenger transit industries are governed by various government agencies and regulators in each country and region. These groups mandate rigorous manufacturer certification and a new product testing and approval processes that we believe are difficult for new entrants to meet cost-effectively and efficiently without the scale and extensive experience we possess.
- **Streamlined cost structure and operational excellence provide operating leverage and support Wabtec's growth.** We focus on driving continuous operational improvement across the organization by sharing best practices, instilling a culture of learning, problem solving and constant improvement, and driving standard operating practices. Wabtec is also focused on earnings growth through expanding high-margin recurring revenue streams. Additionally, Wabtec is a provider of technology-enabled locomotives and equipment, freight car components, systems, and services for the freight rail and passenger transit industries. The size of Wabtec's operations enables the Company to achieve economies of scale, in addition to using best-cost locations for executing on operational decisions. Completed strategic acquisitions and integrations have also led to operating synergies across Wabtec.

Business Strategy

We strive to generate sufficient cash to invest in our growth strategies while maintaining world-class product value, technology and customer responsiveness. We continuously strive to improve quality, delivery and productivity, and to reduce costs utilizing global sourcing and supply chain management. These practices enable us to streamline processes, improve product reliability and customer satisfaction, reduce product cycle times and respond more rapidly to market developments. We also rely on functional experts within the Company across various disciplines to train, coach and share best practices throughout the Company, while benchmarking against best-in-class competitors and peers. Over time, we intend to continue to increase operating margins, improve cash flow and strengthen our ability to invest in the following growth strategies:

- **Accelerate innovation of scalable technologies.** We continue to emphasize innovation and development funding to create new products and capabilities to increase customer productivity, efficiency, capacity, utilization and safety, such as the hydrogen powered locomotive, vehicle monitoring and data analytics. We plan to invest in bringing new technologies to market for our customers. A significant portion of our investment is expected to be focused on three customer-centric areas of innovation: advanced supply chain visibility, automation and digitization and zero-emissions operations. These investments will position our customers for success and make these technologies the standard going forward. We have a multi-year initiative to build on our existing expertise and technologies in the Digital Intelligence space. In addition, we invest in developing enhancements and new features to existing products, such as brake discs and heat exchangers. We are focusing on technological advances, especially in the areas of electronics and alternative fuels, including hydrogen technologies, braking products and other on-board equipment, as a means to deliver new product growth. We seek to provide customers with incremental technological advances that offer immediate benefits with cost-effective investments.
- **Grow and refresh expansive installed base.** We are a transportation and component manufacturer with a significant installed base with expansive product and service capabilities. We have nearly 24,000 locomotives in service, the majority of which are equipped with Digital Intelligence technologies, like Positive Train Control. We intend to increase sales through direct sales of existing products to current and new customers, by developing specific new products for application in new geographic markets, by making strategic acquisitions and through joint ventures with railway suppliers which have a strong presence in their local markets. We believe that international markets represent a

significant opportunity for future growth. In Transit, we are focused on mature markets such as Europe and emerging markets such as India. In Freight, we are targeting markets that operate significant fleets of locomotives and freight cars, including Australia, Brazil, Egypt, India, South Africa, Kazakhstan, and other select areas within Europe, Asia and South America. In addition, we have opportunities to increase the sale of certain products that we currently manufacture for the rail industry into other industrial markets, such as mining, off-highway and energy.

- **Drive fuel efficiencies through emerging technologies.** Today, rail represents the cleanest, most energy efficient and safest mode of moving freight and people on land. As global demands for growth increase, current trends suggest that freight and passenger rail activity will more than double by 2050, leading to an increased demand for sustainable transportation of people and goods. These converging forces highlight the critical interplay between market dynamics, the need for increased fuel efficiency and Wabtec's business strategy. Wabtec is helping customers transition to a more utilized, efficient, and low-carbon rail network. Alternative clean energy technologies are critical in the fight against climate change and reducing greenhouse gas emissions. We are helping our customers reduce their overall cost of operations through the development of low-emitting locomotives like our Tier 4 locomotives, Trip Optimizer, Green Air and Green Friction products, and the use of alternative fuels such as biodiesel, renewable diesel, and hydrogen.
- **Expand high-margin recurring revenue streams.** Our expansive installed base allows us to generate strong recurring revenues with replacement parts and components, digital solutions, overhauls and modernizations. Aftermarket sales are typically done at higher margins and are less cyclical than OEM sales because a certain level of aftermarket maintenance and service work must be performed, even during an industry slowdown. Sales of aftermarket parts and services represent approximately 60% of total net sales. As a long-time supplier of original equipment, we have an extensive installed base of equipment in operation and growing this installed base further will expand our recurring aftermarket sales. Wabtec provides aftermarket parts and services for its components, and we seek to expand this business with customers who currently perform the work in-house. In this way, we expect to benefit as transit authorities and railroads outsource certain maintenance and overhaul functions.
- **Drive continuous operational improvement.** We are focused on continuous improvement to drive cost competitiveness, effectively deploy capital and accelerate Lean. Lean is a set of principles that emphasize customer focus, elimination of waste, high quality growth and relentless prioritization of work to improve safety, quality, delivery and cost. Lean is being embedded in our culture and is fundamental to how we execute our strategy. We are using Lean principles to help examine processes and continuously improve them by solving problems at their root cause. Our Lean transformation model focuses on driving process improvements and management systems to maximize the flow of value produced for the customer, remove waste, empower employees and optimize the enterprise. These principles are also rigorously applied to sustainability and safety.

Recent Acquisitions

See Note 3 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report for additional information about our recent acquisitions.

Backlog

Backlog represents the future sales we expect to recognize on firm orders received from customers and approximates the Company's remaining performance obligations at the end of each period. The Company's total backlog was approximately \$22.3 billion at December 31, 2024. The Company's contracts are subject to standard industry cancellation provisions, including cancellations on short notice or upon completion of designated stages. Generally, if a customer were to cancel a contract, we would have an enforceable right to payment for work completed up to the date of cancellation which would include a reasonable profit margin. Substantial scope-of-work adjustments are common. For these and other reasons, completion of the Company's backlog may be delayed or canceled. The railroad industry, in general, has historically been subject to fluctuations due to overall economic conditions and the level of use of alternative modes of transportation.

The roll forward of the Company's backlog of firm customer orders and the expected year of completion are as follows:

<i>In millions</i>	Freight Segment	Transit Segment	Consolidated
Balance at December 31, 2023	\$ 17,785	\$ 4,214	\$ 21,999
Less: 2024 Net sales	(7,468)	(2,919)	(10,387)
New orders	7,348	3,147	10,495
Adjustments / foreign exchange, net	321	(156)	165
Balance at December 31, 2024	\$ 17,986	\$ 4,286	\$ 22,272
Expected Delivery			
2025	\$ 5,577	\$ 2,104	\$ 7,681
Thereafter	\$ 12,409	\$ 2,182	\$ 14,591

Global economic conditions have not resulted in any material cancellations recently, but they have impacted the timing of some orders in backlog as, in certain cases, the delivery of goods and services were pushed out from their original timelines and could result in future modifications or cancellations.

Engineering and Development

To execute our strategy to develop new products, we invest in a variety of engineering and development activities. For the years ended December 31, 2024, 2023 and 2022, we invested \$206 million, \$218 million and \$209 million, respectively, in engineering for product development and improvement activities. Significant incremental engineering expense can be incurred with the execution of original equipment customer contracts. Across the Company we have established multiple Centers of Competence, which have specialized, technical expertise in various disciplines and product areas.

Our engineering and development program includes investments in data analytics, train control and other new technologies, such as liquid natural gas and hydrogen-powered locomotives, with an emphasis on developing products that enhance safety, productivity and efficiency for our customers. For example, we have developed advanced cooling systems that enable lower emissions from diesel engines used in rail and other industrial markets. We periodically conduct specific research projects in conjunction with universities, customers and other industry suppliers.

We use our product development system to develop and monitor new product programs. The system requires the product development team to follow consistent steps throughout the development process, from concept to launch, to ensure the product will meet customer expectations and internal profitability targets.

Intellectual Property

We have more than 6,500 active patents worldwide and file for approximately 300 new patents each year. We actively review our patent procurement processes and make adjustments as appropriate to the business environment. We also rely on a combination of trade secrets and other intellectual property laws, nondisclosure agreements and other protective measures to establish and protect our proprietary rights in our intellectual property. We actively monitor competitor patent issuance during our product development to reduce litigation risks, and we follow their product development practices to monitor possible patent infringement by them, and to evaluate their strategies and plans.

Trademarks we utilize can be licensed from other companies, acquired as part of mergers or acquisitions, or have been developed through the normal course of business. We have entered into a variety of license agreements as licensor and licensee. We do not believe that any single license agreement is of material importance to our business or any of our business segments as a whole.

Customers

We provide products and services for more than 500 customers worldwide. Our customers include passenger transit authorities and railroads throughout North America, Europe, Asia Pacific, Africa and South America; manufacturers of transportation equipment, such as locomotives, freight cars, passenger transit vehicles and buses and companies that own, lease, and maintain such equipment, as well as customers in the mining, marine, and industrial markets.

Top customers can change from year to year. For the fiscal year ended December 31, 2024, our top five customers accounted for approximately 30% of net sales. No one customer represents 10% or more of consolidated net sales. We believe that we have strong relationships with all of our key customers.

Competition

We operate in a highly competitive marketplace. Price competition is strong because we have a relatively small number of customers and they are very cost-conscious. In addition to price, competition is based on product performance and technological leadership, quality, reliability of delivery, and customer service and support.

Our principal competitors vary across product lines and geographies. Within North America, New York Air Brake Company, a subsidiary of the German air brake producer Knorr-Bremse AG ("Knorr") and Amsted Rail Company, Inc., a subsidiary of Amsted Industries Corporation, are our principal overall OEM competitors. Our primary competition for locomotives is Progress Rail, owned by a subsidiary of Caterpillar. Our primary competition for freight and passenger transit service and repair is mostly from the railroads' and passenger transit authorities' in-house operations and Knorr. We believe our key strengths, strategic partnerships and operational excellence, coupled with an experienced management team, enable us to compete effectively in this marketplace. Outside of North America, Knorr is our main competitor, although not in every product line or geography. In addition, our competitors often include smaller, local suppliers in most international markets. Depending on the product line and geography, we can also compete with our customers, such as CRRC Corporation Limited, a China-based manufacturer of rolling stock.

Environmental, Social and Governance

Sustainability

Wabtec is committed to creating sustainable value through innovative rail technologies and responsible business practices. Our mission to unlock our customers' potential by delivering innovative and lasting transportation solutions underpins our sustainability strategy. Our strategy helps us capitalize on market opportunities and reduce safety and environmental risks, while creating value for our customers, employees and other stakeholders. Wabtec utilizes three Strategic Sustainability Principles to execute our sustainability strategy:

- *Innovating with Purpose.* We are committed to developing responsible and sustainable products that minimize the impact on the planet.
- *Driving Responsible Operations.* We are committed to providing safe work environments and products that enable productive and efficient use of resources.
- *Empowering People and Communities.* We are committed to driving an inclusive culture grounded in integrity, committed to the development of and investment in the communities where our teams live and work.

As we refine our sustainability strategy, we believe it is important to listen to our key internal and external stakeholders to identify and develop Environmental, Social and Governance ("ESG") topics of focus that align to our overall sustainability strategy and action plans. These topics are reviewed periodically to ensure our focus is in-line with the current market conditions and trends. Additionally, we utilize our Green Finance Framework to support the development of technologies that enable sustainable value creation.

Wabtec is committed to transparency on ESG topics, including the opportunities and challenges we encounter as we work to enhance performance and conduct business in a responsible manner. We publish periodic sustainability and sustainability-related reports, where we present ESG information, including policies, goals, activities, and qualitative and quantitative data on our progress.

Compensation and Benefits

We remain committed to a strong pay-for performance philosophy that aligns individual performance, behaviors and business results with individual rewards. To deliver on that commitment, we utilize market data to benchmark to the external market and consider factors such as an employee's role and experience, the location of the job and performance when determining compensation.

We provide our employees resources to help them be mentally, physically and financially well. We offer a wide range of benefits including healthcare and wellness (physical and mental) benefits, retirement benefits, paid time off, an employee assistance program, and seven employee resource groups to build diverse and inclusive communities at Wabtec.

Human Capital

In 2023, after years of growth and integration, we took the next step on our journey to become One Wabtec by aligning the behaviors of our legacy companies and evolving our shared culture. We launched our new cultural blueprint through our Vision, Mission, and Values after hearing from over 2,200 diverse stakeholders around the globe, including our customers, team members, managers, senior leaders, and Board of Directors. Our vision: Revolutionize the way the world moves for future generations. Our mission: unlock our customers' potential by delivering innovative and lasting transportation solutions. At

Wabtec, our purpose stems from four values that shape our core identity: People First, Expand the Possible, Embrace Diversity, and One Wabtec. These values are woven throughout our global operations, and they motivate us to build lasting connections.

Wabtec is committed to ensuring our workplace respects and seeks the unique talents, experiences and viewpoints of all our employees. We strive to create an environment where employees can be themselves. Our Board of Directors also plays a critical role in creating an organization that prioritizes, supports and invests in these ideals.

Our headquarters are in Pittsburgh, Pennsylvania and we have offices, facilities, and operations in over 50 countries around the globe. As of December 31, 2024, we have a global workforce of approximately 29,500 employees, excluding contingent workers.

Unionized Population

A portion of our workers are represented by labor unions. The United Electrical, Radio and Machine Workers of America (UE), Locals 506 and 618 collective bargaining agreement, covering approximately 1,400 locomotive manufacturing workers in Erie, Pennsylvania, expired on June 9, 2023. Negotiations with the UE officially began on April 27, 2023 and an agreement between the Company and the UE was not reached before the contract expired. On June 22, 2023, the UE voted against ratification of the Company's proposed agreement and authorized a strike. The Company and the UE subsequently reached an agreement that was ratified by the UE on August 31, 2023, ending the labor strike. The Company continuously monitors its labor activity.

Training and Development

We continually invest in our employees' career growth and provide employees with a wide range of development opportunities, including face-to-face, virtual, social and self-directed learning, mentoring and coaching programs. We have invested in training courses through Wabtec's Learning Management System ("LMS"). Wabtec has partnered with a third-party vendor to provide an online learning platform available to all of our employees, both hourly and salary.

Our Leadership, Expertise, Advancement and Development ("LEAD") program is the primary path for university graduates into Wabtec. LEAD is a two-year program that offers an immersive learning experience in the fields of engineering, operations, finance and IT along with extensive leadership training designed to build the next generation of leaders. On average, there are 100 participants in the LEAD program that rotate between business units or departments every six months to work on strategic projects and assignments, gain exposure to senior leadership and build their global professional network. We are focused on strengthening this program to support our global talent pipeline.

Environmental, Health and Safety

Putting people first is how we do business at Wabtec. Our Environmental, Health and Safety ("EHS") program has a longstanding commitment to continuously improve and foster a culture that proactively reduces risks and hazards in our operations, protects the environment, ensures regulatory compliance, and encourages learning and development. To ensure operational accountability for EHS across all levels of Wabtec, we use standard metrics (both lagging and leading indicators) and structured management reviews to track and measure EHS performance across all our operational sites. Monthly EHS operating reviews with the Executive Vice President for Global Operations are used to review operational risks at the enterprise-level, develop strategic initiatives, and communicate key performance indicators to senior management. Each site is responsible for developing a risk reduction plan to drive site or project-level actions related to risk reduction, compliance assurance, employee engagement, and continuous EHS improvement. Through these efforts, our Operations and EHS teams are partnering to eliminate and reduce hazards and risks within Wabtec's operations, which is fundamental to improved EHS performance. In 2024, we had zero fatalities and our total recordable injury rate decreased by over 5% compared with 2023. We remain steadfast in our commitment to protecting our people and driving toward EHS excellence.

Regulation

In the course of our operations, we are subject to various regulations and standards of governments and other agencies in the U.S. and around the world. These entities typically govern equipment, safety and interoperability standards for freight rail rolling stock and passenger transit, oversee a wide variety of rules and regulations governing safety and design of equipment, and evaluate certification and qualification requirements for suppliers. New products generally must undergo testing and approval processes that are rigorous and lengthy. As a result of these regulations and requirements, we must usually obtain and maintain certifications in a variety of jurisdictions and countries. The governing bodies include the Federal Railroad Administration ("FRA") and the Association of American Railroads ("AAR") in the U.S., and the International Union of Railways ("UIC") and the European Railway Agencies in Europe. Also, in Europe, the European Committees for Standardization continually draft new European standards which cover, for example, the Reliability, Availability, Maintainability and Safety of railways systems. To guarantee interoperability in Europe, the European Union for Railway Agencies is responsible for defining and implementing Technical Standards of Interoperability, which covers areas such as

infrastructure, energy, rolling stock, telematic applications, traffic operation and management subsystems, noise pollution and waste generation, protection against fire and smoke, and system safety.

Most countries and regions in which Wabtec does business have similar rule-making bodies. For example, in China any product or system sold on the Chinese market must have been certified in accordance with national standards. In the local Indian market, most products are covered by regulations patterned after AAR and UIC standards.

Effects of Seasonality

Our business has limited seasonality. Third and fourth quarter results may be affected by the timing of services performed under our locomotive maintenance contracts and vacation and scheduled plant shutdowns at several of our major customers. Fourth quarter results may be affected by the timing of spare parts and service orders placed by transit agencies worldwide. Quarterly results can also be affected by the timing of projects in backlog and by project delays.

Environmental Matters

The Company's operations and products are subject to a variety of environmental laws and regulations governing air emissions, discharges into water, the use, handling, storage, and disposal of hazardous substances and waste materials, as well as the remediation of contamination associated with releases of hazardous substances. The Company believes its operations and products currently comply in all material respects with all of the various environmental laws and regulations applicable to our business; however, there can be no assurance that environmental requirements will not change in the future or that we will not incur significant costs to comply with such requirements.

Available Information

We maintain a website at www.wabteccorp.com. Available free of charge on this site are: our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to such reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as well as the annual report to stockholders, our Green Bond Report (<https://ir.wabteccorp.com/investor-relations/green-finance-framework>), our sustainability and sustainability-related reports (www.wabteccorp.com/sustainability/report-archive), and other information. The Internet site and the information contained therein or connected thereto are not incorporated by reference into this Form 10-K. The following are also available free of charge on this site and are available in print to any shareholder who requests them: Our Corporate Governance Guidelines, the charters of our Audit, Compensation and Talent Management and Governance and Sustainability Committees, our Code of Conduct, which is applicable to all employees, our Code of Ethics for Senior Officers, which is applicable to our executive officers, our Policies on Related Party Transactions and Conflict Minerals.

INFORMATION ABOUT OUR EXECUTIVE OFFICERS

The following table provides information on our executive officers as of February 12, 2025.

Officers	Age	Position
Rafael Santana	53	President and Chief Executive Officer
David L. DeNinno	69	Executive Vice President, General Counsel and Secretary
John A. Olin	64	Executive Vice President and Chief Financial Officer
Nicole Theophilus	54	Executive Vice President and Chief Administrative Officer
Eric Gebhardt	56	Executive Vice President and Chief Technology Officer
Gina Trombley	54	Executive Vice President, Sales & Marketing & Chief Commercial Officer - Americas
Greg Sbrocco	56	Executive Vice President, Global Operations
Michael E. Fetcko	60	President, Freight and Industrial Components
Alicia Hammersmith	54	President, Freight Services
Rogerio Mendonca	52	President, Freight Equipment
Nalin Jain	55	President, Digital Intelligence
Pascal Schweitzer	48	President, Transit
Lillian Leroux	53	Chief Strategy and Sustainability Officer
John A. Mastalerz	58	Senior Vice President of Finance and Chief Accounting Officer
Kyra Yates	46	Vice President, Investor Relations

Rafael Santana was named President and Chief Executive Officer of the Company effective July 1, 2019. Previously, he served as Executive Vice President from February 2019 to July 2019. Mr. Santana was President and Chief Executive Officer of GE Transportation since November 2017. Mr. Santana has held several global leadership positions since joining GE in 2000, including roles in the Transportation, Power and Oil and Gas businesses. Prior to being named President and Chief Executive Officer of GE Transportation, Mr. Santana was President and Chief Executive Officer of GE in Latin America. He also served as President and Chief Executive Officer of GE Oil and Gas Turbomachinery Solutions and had roles as Chief Executive Officer for GE Gas Engines and Chief Executive Officer for GE Energy in Latin America.

David L. DeNinno was named Executive Vice President, General Counsel and Secretary of the Company effective December 2016. Previously, Mr. DeNinno served as Senior Vice President, General Counsel and Secretary since February 2012. Previously, Mr. DeNinno served as a partner at K&L Gates LLP since May 2011 and prior to that with Reed Smith LLP.

John A. Olin was named Executive Vice President and Chief Financial Officer effective October 1, 2021. Prior to joining Wabtec, Mr. Olin served as the Senior Vice President and Chief Financial Officer of Harley-Davidson, where he was instrumental in driving strategic change amidst significant market disruption, including reshaping the company. Prior to Harley-Davidson, Mr. Olin served as Controller of Kraft Foods' Cheese Division, and had 12 years of financial leadership at Kraft, Oscar Mayer Foods, and Miller Brewing Company. Mr. Olin also held positions with financial services and specialized consulting firms including Ernst and Whinney (now Ernst and Young).

Nicole Theophilus was named Executive Vice President & Chief Administrative Officer in July 2024. Ms. Theophilus was originally named Wabtec's Executive Vice President & Chief Human Resource Officer in October 2020. Before joining Wabtec, Ms. Theophilus served as Chief Human Resource Officer of West Corporation from March 2016 through February 2018. She also served as Executive Vice President and Chief Human Resource Officer, Vice President of Human Resources and Vice President and Chief Employment Counsel of ConAgra Corporation, where she was employed from 2006 through 2015. Prior to 2006, Ms. Theophilus was a partner with the law firm Husch Blackwell.

Eric Gebhardt was named Executive Vice President and Chief Technology Officer in October 2020. Prior to joining Wabtec, Mr. Gebhardt served as Managing Director of KCK-US, a Delaware corporation, from May 2019 through September 2020. He also served in a variety of roles with General Electric including Chief Technology Officer of GE Power from August 2017 through January 2019, Chief Product Management Officer for GE Energy Connections from February 2017 through August 2017, Chief Platforms and Operations Officer for Current from January 2016 through January 2017, and Chief Technology Officer for GE Oil & Gas from October 2012 through December 2015.

Gina Trombley was named Executive Vice President, Sales & Marketing & Chief Commercial Officer - Americas, effective September 8, 2020. Prior to joining Wabtec, Ms. Trombley served in various executive roles at Bombardier Transportation from 2017 to August 2020, most recently as Vice President of Services and previously as Vice President Sales for Bombardier Transport - Americas. Ms. Trombley also held progressive commercial and marketing leadership roles at Parsons and GE Transportation.

Greg Sbrocco was named Executive Vice President, Global Operations in February 2019. Prior to this, Mr. Sbrocco was Global Supply Chain Leader for GE Transportation since September 2014. Mr. Sbrocco had been with GE since 1992 when he joined as an Environmental Engineer for the GE Energy business. During his tenure with GE, Mr. Sbrocco held several leadership roles in GE Energy, GE Oil and Gas, and GE Transportation.

Michael E. Fetcko was named President, Freight and Industrial Components effective January 2017. Previously, Mr. Fetcko served as Vice President and Group Executive from January 2014. He joined Wabtec in July of 2011 as Vice President, Freight Pneumatics. Prior to joining Wabtec, Mr. Fetcko served in various executive management roles with Bombardier Transportation. Prior to Bombardier, Mr. Fetcko served in various management roles with two different environmental engineering firms.

Alicia Hammersmith was named President, Freight Services in April 2023. Previously, Ms. Hammersmith served as Group Vice President, Transit Operations from 2020-2023 and as General Manager Latin America & Texas from 2019-2020. Prior to joining Wabtec, Ms. Hammersmith served in various management roles with GE.

Rogerio Mendonca was named President, Freight Equipment in February 2021. Previously Mr. Mendonca served as Vice President for Baker Hughes from July 2017. Prior to that he served as President of GE Transportation in Latin America from April 2016 through July 2017 and in several roles leading up to that including Commercial Director and Service Operations General Manager.

Nalin Jain was named President, Digital Intelligence business effective December 2020. Mr. Jain had served as President, Global Equipment since May 2019 and previously as President & CEO, International Markets since August 2017 for GE Transportation. Prior to that, Mr. Jain had multiple leadership roles of increasing responsibility with GE Aviation and GE Transportation, since September 2005. Mr. Jain served as Director Global Partnerships with Bombardier Inc since July 2002 and prior to that he worked for Saint Gobain.

Pascal Schweitzer was named President, Transit in April 2023. Previously, Mr. Schweitzer served as President, Freight Services from February 2019 to April 2023 and Vice President—Services of GE Transportation from April 2017 to February 2019. He also served as General Manager – Europe – Power Services for GE Power from November 2015 through April 2017 and prior to that several positions with Alstom Power.

Lilian Leroux was named Chief Strategy and Sustainability officer in April 2023. Previously he served as President, Transit from March 2019 to April 2023 and Group President—Brakes & Safety from January 2017 to October 2019. Prior to that, Mr. Leroux held various executive management roles with Faiveley Transport, starting in January 2001.

John A. Mastalerz was named Senior Vice President of Finance and Chief Accounting Officer in February 2020. Previously, Mr. Mastalerz served as Senior Vice President, Corporate Controller and Principal Accounting Officer from July 2017 to February 2020 and as Vice President and Corporate Controller from January 2014 to July 2017. Prior to joining Wabtec, Mr. Mastalerz served in various executive management roles with the H.J. Heinz Company from January 2001 to December 2013, most recently as Corporate Controller and Principal Accounting Officer. Prior to 2001, Mr. Mastalerz was a Senior Manager with PricewaterhouseCoopers LLP.

Kyra Yates was named Vice President of Investor Relations in March 2024. Previously, Ms. Yates served as the Vice President and Chief Financial Officer of Wabtec's Global Operations from March 2022 to March 2024, where she managed the financial performance of the Company's manufacturing, sourcing, and logistics operations. She also served as the Chief Financial Officer of Wabtec's Americas Services from March 2021 to March 2022. Ms. Yates had been with GE Transportation since 2008, and prior to that she held several positions with other GE businesses beginning in 2000.

Item 1A. RISK FACTORS

RISKS RELATED TO OUR BUSINESS AND OPERATIONS

We are dependent upon key customers.

We rely on several key customers who represent a significant portion of our business. While we believe our relationships with our customers are generally good, our top customers could choose to reduce or terminate their relationships with Wabtec. In addition, many of our customers place orders for products on an as-needed basis and operate in cyclical industries. As a result, customer order levels have varied from period to period in the past and may vary significantly in the future. Such customer orders may be subject to delays and cancellations based on various market- and customer-specific conditions. Furthermore, the average service life of certain products in our end markets has increased in recent years due to innovations in technologies and manufacturing processes, which has also allowed end users to replace parts less often. As a result of our dependence on our key customers, we could experience a material adverse effect on our business, results of operations and financial condition if we lost any one or more of our key customers or if there is a reduction in their demand for our products.

Our business operates in a highly competitive industry.

We operate in a global, competitive marketplace and face substantial competition from a limited number of established competitors, some of which may have greater financial resources than we do, may have a more extensive low-cost sourcing strategy and presence in low-cost regions than we do, or may receive significant governmental support. Price competition is strong and, coupled with the existence of a number of cost-conscious customers with significant negotiating power, has historically limited our ability to increase prices. In addition to price, competition is based on product performance and technological leadership, quality, reliability of delivery, and customer service and support. If our competitors invest heavily in innovation and develop products that are more efficient or effective than our products, we may not be able to compete effectively. There can be no assurance that competition in one or more of our markets will not adversely affect us and our results of operations.

A failure to predict and react to customer demand could adversely affect our business.

If we are unable to accurately forecast demand for our existing products or to react appropriately to changes in demand, we may experience delayed product shipments and customer dissatisfaction. If demand increases significantly from current levels, both we and our suppliers may have difficulty meeting such demand, particularly if such demand increases occur rapidly. Alternatively, we may carry excess inventory if demand for our products decreases below projected levels.

Additionally, we have dedicated significant resources to the development, manufacturing and marketing of new products. Decisions to develop and market new transportation products are typically made without firm indications of customer acceptance. Moreover, by their nature, new products may require alteration of existing business methods or threaten to displace existing equipment in which our customers may have a substantial capital investment. There can be no assurance that any new products that we develop will gain widespread acceptance in the marketplace or that such products will be able to compete successfully with other new products or services that may be introduced by competitors. Furthermore, we may incur additional warranty or other costs as new products are tested and used by customers.

Failure to accurately predict and react to customer demand could have a material adverse effect on our business, results of operations and financial condition.

We may fail to respond adequately or in a timely manner to innovative changes in new technology.

In recent years, the global transportation landscape has been characterized by rapid changes in technology, leading to innovative developments in transportation and logistics that could change the way the railway industry does business. There may be additional innovations impacting the railway industry that we cannot yet foresee. Any failure by us to quickly adapt to and adopt new innovations in products and processes desired by our customers may result in a significant loss of demand for our product and service offerings. In addition, advances in technology may require us to increase investments in order to remain competitive, and our customers may not be willing to accept higher prices to cover the cost of these investments.

Our revenues are subject to cyclical variations in the railway and passenger transit markets and changes in government spending.

The railway industry historically has been subject to significant fluctuations due to overall economic conditions, the use of alternate methods of transportation and the levels of government spending on railway projects. In economic downturns, railroads have deferred, and may defer, certain expenditures in order to conserve cash in the short term. For example, the economic slowdown that was caused by the COVID-19 pandemic impacted the timing of some orders, as customers deferred the delivery of some goods and services to future years. Reductions in freight traffic may reduce demand for our replacement products.

The passenger transit railroad industry is also cyclical and is influenced by a variety of factors. New passenger transit car orders vary from year to year and are influenced by a variety of factors, including major replacement programs, the construction or expansion of transit systems by transit authorities and the quality and cost of alternative modes of transportation. To the extent that future funding for proposed public projects is curtailed or withdrawn altogether as a result of changes in political, economic, fiscal, or other conditions beyond our control, such projects may be delayed or canceled, resulting in a potential loss of business for us, including transit aftermarket and new transit car orders. There can be no assurance that economic conditions will be favorable or that there will not be significant fluctuations adversely affecting the industry as a whole and Wabtec.

Our backlog is not necessarily indicative of the level of our future revenues.

Our backlog represents future production and estimated potential revenue attributable to firm contracts with, or written orders from, our customers for delivery in various periods. Instability in the global economy, negative conditions in the global credit markets, volatility in the industries that our products serve, changes in legislative policy, adverse changes in the financial condition of our customers, adverse changes in the availability of raw materials and supplies, or un-remedied contract breaches could possibly lead to contract termination or cancellations of orders in our backlog or request for deferred deliveries of our backlog orders, each of which could adversely affect our cash flows and results of operations. For example, although the

economic slowdown caused by the COVID-19 pandemic did not result in any material cancellations of the Company's backlog, it did impact the timing of some orders in backlog as, in certain cases, the delivery of goods and services were pushed out from their original timelines.

Equipment failures, interruptions, delays in deliveries or extensive damage to our facilities, supply chains, distribution systems or information technology systems, could adversely affect our business.

All of our facilities, equipment, supply chains, distribution systems and information technology systems are subject to the risk of catastrophic loss due to unanticipated events, such as cyber-attacks, disease outbreak, fires, earthquakes, explosions, floods, tornadoes, hurricanes or weather conditions. An interruption in our manufacturing capabilities, supply chains, distribution systems or information technology systems, whether as a result of such catastrophic loss or any other reason, could reduce, prevent or delay our production and shipment of our product offerings, result in defective products or services, damage customer relationships and our reputation and result in legal exposure and large repair or replacement expenses. This could result in the delay or termination of orders, the loss of future sales and a negative impact to our reputation with our customers.

Third-party insurance coverage that we maintain with respect to such matters will vary from time to time in both type and amount depending on cost, availability and our decisions regarding risk retention, and may be unavailable or insufficient to protect us against losses. Any of these risks coming to fruition could materially adversely affect our business, results of operations and financial condition.

Disruption of our supply chain could have an adverse impact on our business, financial condition, and results of operations.

Our ability to make, move, and sell our products is critical to our success. Damage or disruption to our supply chain, including third-party manufacturing or transportation and distribution capabilities, could impair our ability to manufacture or sell our products. Failure to take adequate steps to mitigate the likelihood or potential impact of disruptions, or to effectively manage such events if they occur, particularly when a product is sourced from a single supplier or location, could adversely affect our business or financial results. For example, the COVID-19 pandemic caused supply chain disruptions, particularly with respect to channels in China, India, the U.S. and Europe, and labor availability constraints that resulted in component, raw material and chip shortages. Additionally, market factors, such as broad-based inflation, escalation of commodities costs, transportation and logistics costs, labor costs, and foreign currency exchange rate fluctuations may exacerbate the impacts of such disruptions.

There can be no assurance that supply chain disruptions will not occur from time to time, or that the steps we take to mitigate such disruptions will be effective or achieve their desired results in a timely fashion.

In addition, disputes with significant suppliers, including disputes regarding pricing or performance, could adversely affect our ability to supply products to our customers and could materially and adversely affect our product sales, financial condition, and results of operations.

We intend to pursue acquisitions, joint ventures and alliances that involve a number of inherent risks, any of which may cause us not to realize anticipated benefits.

One aspect of our business strategy is to selectively pursue acquisitions, joint ventures and alliances that we believe will improve our market position and provide opportunities to realize operating synergies. These transactions involve inherent risks and uncertainties, any one of which could have a material adverse effect on our business, results of operations and financial condition including:

- difficulties in achieving identified financial and operating synergies, including the integration of operations, services and products;
- diversion of management's attention from other business concerns;
- the assumption of unknown liabilities; and
- unanticipated changes in the market conditions, business and economic factors affecting such an acquisition, joint venture or alliance.

In addition, we may fail to consummate future acquisitions, joint ventures or other business combinations for a variety of reasons, including the failure to satisfy closing conditions, potential regulatory interventions, or the possibility of competing bidders presenting a superior offer. If we are unable to identify or consummate suitable acquisitions or joint ventures, we may be unable to fully implement our business strategy, and our business and results of operations may be adversely affected as a result. In addition, our ability to engage in such strategic transactions will be dependent on our ability to raise substantial capital, and we may not be able to raise the funds necessary to implement this strategy on terms satisfactory to us, if at all.

The integration of our recently completed acquisitions may not result in anticipated improvements in market position or the realization of anticipated operating synergies or may take longer to realize than expected.

Although we believe that our recent acquisitions will improve our market position and realize positive operating results, including operating synergies, operating expense reductions and overhead cost savings, we cannot be assured that these

improvements will be obtained or the timing of such improvements. The management and acquisition of businesses involves substantial risks, any of which may result in a material adverse effect on our business and results of operations, including:

- the uncertainty that an acquired business will achieve anticipated operating results;
- significant expenses to integrate;
- diversion of management's attention from business operations to integration matters;
- departure of key personnel from the acquired business;
- effectively managing entrepreneurial spirit and decision-making;
- integration of different information systems;
- unanticipated costs and exposure to unforeseen liabilities; and
- impairment of assets.

The effects of potential future public health crises, epidemics, pandemics or similar events on our business, operating results and cash flows are uncertain.

We face a wide variety of risks related to health epidemics, pandemics and similar outbreaks. As was evidenced by the COVID-19 pandemic, public health crises have the potential to dramatically impact the global health and economic environment and to trigger significant economic volatility and operational uncertainty.

Future public health emergencies, and unpredictable responses by authorities around the world could negatively impact our global operations, customers and suppliers. Any future public health crises, epidemics, pandemics or similar events could result in disruptions to our operations, including higher rates of employee absenteeism and supply chain disruptions, decreased demand for our products, volatility in financial markets, and overall deterioration of national and global economic conditions.

Given the tremendous uncertainties and variables associated with public health crises, we cannot predict the impact of such events, but any one could have a material adverse impact on our business, financial position, results of operations and/or cash flows.

RISKS RELATED TO INTERNATIONAL OPERATIONS

A significant portion of our sales may be derived from our international operations, which exposes us to certain risks inherent in doing business on an international level.

For the fiscal year ended December 31, 2024, approximately 53% of our consolidated net sales were to customers outside of the United States. We intend to continue to expand our international operations, including in emerging markets, in the future. Our global headquarters for the Transit group is located in France, and we conduct other international operations through a variety of wholly and majority-owned subsidiaries and joint ventures, including in Australia, Austria, Brazil, Canada, China, Czech Republic, France, Germany, India, Italy, Kazakhstan/Commonwealth of Independent States ("CIS"), the Republic of North Macedonia, Mexico, the Netherlands, Poland, Spain, South Africa, Turkey, and the United Kingdom. As a result, we are subject to various risks, any one of which could have a material adverse effect on those operations and on our business as a whole, including:

- lack of complete operating control;
- lack of local business experience;
- currency exchange fluctuations and devaluations;
- restrictions on currency conversion or the transfer of funds or limitations on our ability to repatriate income or capital;
- the complexities of operating within multiple tax jurisdictions;
- foreign trade restrictions and exchange controls;
- adverse impacts of international trade policies, such as import quotas, capital controls or tariffs;
- difficulty enforcing agreements and intellectual property rights;
- the challenges of complying with complex and changing laws, regulations, and policies of foreign governments;
- the difficulties involved in staffing and managing widespread operations;
- the potential for nationalization of enterprises;
- economic, political and social instability;
- potential reputational harm associated with doing business in certain countries;
- possible local catastrophes, such as natural disasters and epidemics; and
- possible terrorist attacks, conflicts and wars, including actions targeting American interests.

Our exposure to the risks associated with international operations may intensify if our international operations expand in the future.

We may incur increased costs or margin degradation due to fluctuations in interest rates and foreign currency exchange rates.

In the ordinary course of business, we are exposed to increases in interest rates that may adversely affect funding costs associated with variable-rate debt and changes in foreign currency exchange rates. We are subject to currency exchange rate

risk to the extent that our costs may be denominated in currencies other than those in which we earn and report revenues and vice versa. In addition, a decrease in the value of any of these currencies relative to the U.S. dollar could reduce our profits from non-U.S. operations and the translated value of the net assets of our non-U.S. operations when reported in U.S. dollars in our consolidated financial statements. We may seek to minimize these risks through the use of interest rate swap contracts and currency hedging agreements. There can be no assurance that any of these measures will be effective. Material changes in interest or exchange rates could result in material losses to us.

We have substantial operations located in emerging markets, and are subject to regulatory, economic, social and political uncertainties in such markets.

We have substantial operations located in emerging markets, such as Brazil, India, and Kazakhstan. Operations in such emerging markets are inherently risky due to a number of regulatory, economic, social and political uncertainties. These risks include economies that may be dependent on only a few products and are therefore subject to significant fluctuations, weak legal systems which may affect our ability to enforce contractual rights, possible exchange controls, unstable governments, nationalization or privatization actions or other government actions affecting the flow of goods and currency.

Significant changes in economic and regulatory policy in emerging countries as well as social or political uncertainties could significantly harm business and economic conditions in these markets generally and could disproportionately impact the rail industry, which could adversely affect our business and prospects in these markets.

In addition, physical and financial infrastructure may be less developed in some emerging countries than that of many developed nations. Any disruptions with respect to banking and financial infrastructure, communication systems or any public facility, including transportation infrastructure, could disrupt our normal business activity. Such disruptions could interrupt our business operations and significantly harm our results of operations, financial condition and cash flows.

Regional and international conflicts may adversely affect our business and results of operations.

Given the nature of our business and our global operations, political, economic, and other conditions in foreign countries and regions, may adversely affect our business and results of operations. Regional and international conflicts could have a wide range of negative consequences, including causing damage or disruption to international commerce, disruptions to transportation and distribution routes, volatility in commodity markets, supply chain disruptions, business disruptions (including labor shortages), foreign currency dislocations or broader regional instability.

For example, the continuing conflict between Russia and Ukraine has affected, and may continue to adversely affect our business and results of operations. The broader consequences of this conflict, which may include sanctions, embargoes, regional instability, and geopolitical shifts; disruptions to transportation and distribution routes, or strategic decisions to alter certain routes; potential retaliatory action by the Russian government against companies, including us, including nationalization of foreign businesses and/or assets in Russia; increased tensions between the United States and countries in which we operate; and the extent of the conflict's effect on our business and results of operations as well as the global economy, cannot be predicted.

Additionally, Wabtec has operations in Kazakhstan that have continued operating but have incurred supply, distribution and currency impacts as an indirect result from the Russian invasion of Ukraine. To date, the operations in Kazakhstan have not been significantly impacted by the ongoing conflict outside of the overall unfavorable impact to economic conditions; however, the future impact to these operations cannot be predicted.

To the extent a regional or international conflict adversely affects our business, particularly in Russia and Kazakhstan, it may also have the effect of heightening many other risks disclosed in this Annual Report, any of which could materially and adversely affect our business and results of operations. Such risks include, but are not limited to, adverse effects on macroeconomic conditions, including inflation and business spending; disruptions to our global technology infrastructure, including through cyberattack, ransom attack, or cyber-intrusion; adverse changes in international trade policies and relations; our ability to maintain or increase our prices, our ability to implement and execute our business strategy, disruptions in global supply chains, our exposure to foreign currency fluctuations, and constraints, volatility, or disruption in the capital markets, difficulty staffing and managing impacted operations, and the recoverability of assets in the region.

RISKS RELATED TO MACRO-ECONOMIC CONDITIONS AND POLICIES

Prolonged unfavorable economic and market conditions could adversely affect our business.

Unfavorable general economic and market conditions in the United States and internationally, particularly in our key end markets, could have a negative impact on our sales and operations. To the extent that these factors result in continued instability of capital markets, shortages of raw materials or component parts, longer sales cycles, deferral or delay of customer orders or an inability to market our products effectively, our business and results of operations could be materially adversely affected.

We may be exposed to raw material shortages, supply shortages, fluctuations in raw material, energy and commodity prices, and inflationary pressure.

We purchase energy, steel, aluminum, copper, rubber and rubber-based materials, chemicals, polymers and other key manufacturing inputs from outside sources, and traditionally have not had long-term pricing contracts with our pure raw material suppliers. The costs of these raw materials have been volatile historically and are influenced by factors that are outside our control, including inflationary pressure. If we are unable to pass increases in the costs of our raw materials on to our customers, experience a lag in our ability to pass increases to our customers, or operational efficiencies are not achieved, our operating margins and results of operations may be materially adversely affected.

Our businesses compete globally for key production inputs. In addition, we rely upon third-party suppliers, including certain single-sourced suppliers, for various components for our products. In the event of a shortage or discontinuation of certain raw materials or key inputs, we may experience challenges sourcing certain of our components to meet our production requirements and may not be able to arrange for alternative sources of certain raw materials or key inputs. Any such shortage may materially adversely affect our competitive position versus companies that are able to better or more cheaply source such raw materials or key inputs.

Changes to international trade policies, including tariffs and foreign trade restrictions, could adversely affect our business.

As a global transportation company, we generate export sales from our U.S. operations and also derive international sales through our foreign subsidiaries, licensees and joint ventures. We also do business with industry suppliers located in various international markets. A protectionist trade environment in either the United States or those foreign countries in which we do business, such as a change in the current tariff structures, export compliance or other trade policies, may adversely affect our business. In particular, such policies may impact or delay our customers' investments in our products, reduce the competitiveness of our products in certain markets, and inhibit our ability to cost-effectively purchase necessary inputs from certain suppliers. In addition, to the extent developments in international trade relations result in reduced global trade or slower growth in global trade, it is likely that this would result in reductions in investment in freight and transit rail.

International trade policies are affected by a diverse array of factors, including global and national economic and political conditions, which make it impossible for us to predict future developments regarding tariffs and other trade restrictions. Although we actively monitor developments in international trade and proactively engage in efforts to mitigate the effect of trade policies, there can be no guarantee that these efforts will be successful.

LEGAL AND REGULATORY RISKS

We are subject to a variety of laws and regulations, including anti-corruption laws, in various jurisdictions.

We are subject to various laws, rules and regulations administered by authorities in jurisdictions in which we do business, such as the anti-corruption laws of the U.S. Foreign Corrupt Practices Act, the French Law n° 2016-1691 (Sapin II) and the U.K. Bribery Act, relating to our business and our employees. We are also subject to other laws and regulations governing our international operations, including regulations administered by the U.S. Department of Commerce's Bureau of Industry and Security, the U.S. Department of Treasury's Office of Foreign Assets Control, and various non-U.S. government entities, including applicable export control regulations, economic sanctions on countries and persons, customs requirements, currency exchange regulations, and transfer pricing regulations. Despite our policies, procedures and compliance programs, our internal controls and compliance systems may not be able to protect us from prohibited acts wilfully committed by our employees, agents or business partners that would violate such applicable laws and regulations. Any such improper acts could damage our reputation, subject us to civil or criminal judgments, fines or penalties, and could otherwise disrupt our business, and as a result, could materially adversely impact our business, results of operations and financial condition.

In addition, our manufacturing operations and products are subject to safety, operations, maintenance and mechanical standards, rules and regulations enforced by various federal and state agencies and industry organizations both domestically and internationally. Our business may be adversely impacted by new rules and regulations or changes to existing rules or regulations, which could require additional maintenance or substantial modification or refurbishment of certain of our products or could make such products obsolete or require them to be phased out prior to their useful lives. We are unable to predict what impact these or other regulatory changes may have, if any, on our business or the industry as a whole. We cannot assure that costs incurred to comply with any new standards or regulations will not be material to our business, results of operations and financial condition.

We are subject to a variety of environmental laws and regulations.

We are subject to a variety of increasingly stringent environmental laws and regulations governing air emissions, discharges into water, chemical substances in products, the use, handling, storage, and disposal of hazardous substances or waste materials, as well as the remediation of contamination associated with releases of hazardous substances. We have incurred, and will continue to incur, both operating and capital costs to comply with environmental laws and regulations.

including costs associated with the clean-up and investigation of some of our current and former properties and offsite disposal locations. We believe our operations currently comply in all material respects with all of the various environmental laws and regulations applicable to our business; however, there can be no assurance that environmental requirements will not change in the future or that we will not incur significant costs to comply with such requirements. Failure to comply with environmental laws and regulations could have significant consequences on our business and results of operations, including the imposition of substantial fines and sanctions for violations, injunctive relief (including requirements that we limit or cease operations at affected facilities), and reputational risk.

In addition, certain of our products are subject to extensive, and increasingly stringent, statutory and regulatory requirements governing attributes, such as emissions and noise, including standards imposed by the U.S. Environmental Protection Agency, the European Union and other regulatory agencies around the world. We have made, and will continue to make, significant capital and research expenditures relating to compliance with these standards. The successful development and introduction of new and enhanced products in order to comply with new regulatory requirements are subject to other risks, such as delays in product development, cost over-runs and unanticipated technical and manufacturing difficulties. In addition to these risks, the nature and timing of government implementation and enforcement of these standards-particularly in emerging markets-are unpredictable and subject to change.

Future climate change regulation could result in increased operating costs, affect the demand for our products or affect the ability of our critical suppliers to meet our needs.

Potential regulation addressing climate change may affect the Company's operations and products in certain jurisdictions. The potential challenges posed by evolving climate change policy and prospective regulation are heavily dependent on the nature and degree of such legislation, the consistency (or lack of consistency) of legislation across jurisdictions in which we operate, and the extent to which such regulation and legislation applies to our industry. Although uncertain, these developments could increase costs or reduce the demand for the products the company sells.

International agreements, domestic legislation and regulatory measures to limit greenhouse gas emissions are currently in various phases of discussion or implementation. While we are carefully monitoring developments, at this time, we cannot predict the ultimate impact of climate change and climate change regulation on our operations. Any laws or regulations that may be adopted to restrict or reduce emissions of greenhouse gas could require us to incur increased operating costs and could have an adverse effect on demand for our products. In addition, the price and availability of certain of the raw materials that we use could vary in the future as a result of environmental laws and regulations affecting our suppliers. An increase in the price of our raw materials or a decline in their availability could adversely affect our operating margins or result in reduced demand for our products.

The occurrence of litigation in which we are, or could be, named as a defendant is unpredictable.

From time to time, we are subject, directly or through our subsidiaries, to litigation or other commercial disputes and other legal and regulatory proceedings with respect to our business, customers, suppliers, creditors, stockholders, product liability (including asbestos claims), intellectual property infringement, competition and antitrust claims, warranty claims or environmental-related matters.

Due to the inherent uncertainties of any litigation, commercial disputes or other legal or regulatory proceedings, we cannot accurately predict their ultimate outcome, including the outcome of any related appeals. We may incur significant expense to defend or otherwise address current or future claims. Although we maintain insurance policies for certain risks, we cannot make assurances that this insurance will be adequate to protect us from all material judgments and expenses related to potential future claims or that these levels of insurance will be available in the future at economical prices or at all. In addition, although in some cases we may be indemnified by non-affiliated entities that retain liabilities in connection with specific matters, there can be no assurance that these indemnitors will remain financially viable and capable of satisfying their obligations.

Any litigation, even a claim without merit, could result in substantial costs and diversion of resources and could have a material adverse effect on our business and results of operations.

Our manufacturer's warranties or product liability may expose us to potentially significant claims.

We warrant the workmanship and materials of many of our products. Accordingly, we are subject to a risk of product liability or warranty claims in the event that the failure of any of our products results in personal injury or death or does not conform to our customers' specifications. In addition, in recent years, we have introduced a number of new products for which we do not have a history of warranty experience. Although we currently maintain liability insurance coverage, we cannot assure that product liability claims, if made, would not exceed our insurance coverage limits or that insurance will continue to be available on commercially acceptable terms, if at all. The possibility exists for these types of warranty claims to result in costly product recalls, significant repair costs and damage to our reputation.

Expectations relating to environmental, social and governance considerations expose us to potential liabilities, increased costs, reputational harm, and other adverse effects on our business.

Many governments, regulators, investors, employees, customers and other stakeholders are focused on environmental, social and governance considerations relating to businesses, including climate action and greenhouse gas emissions, supply chain due diligence, human capital management, and diversity initiatives. We make statements about our ESG goals and initiatives through information provided in reports that we file or furnish with the Securities and Exchange Commission, on our website, in press statements, and in other communications, including through our Sustainability Reports. Our response to these ESG considerations and the implementation of these goals and initiatives involves risks and uncertainties, including those described under "Forward-Looking Statements," and such response may be impacted by factors that are outside our control. In addition, some stakeholders may disagree with our goals and initiatives and the focus of stakeholders may change and evolve over time. Stakeholders also may have different views on the relative prioritization of the Company's ESG focus, including differing views of regulators in various jurisdictions in which we operate. Any failure, or perceived failure, by us to achieve our goals, further our initiatives, adhere to our public statements, comply with federal, state or international environmental, social and governance laws and regulations, or meet evolving and varied stakeholder expectations and standards could result in legal and regulatory proceedings against us and materially adversely affect our business, reputation, results of operations, financial condition, and stock price.

RISKS RELATED TO DATA SECURITY AND INTELLECTUAL PROPERTY

If we are not able to protect our intellectual property and other proprietary rights, we may be adversely affected.

Our success can be impacted by our ability to protect our intellectual property and other proprietary rights. We rely primarily on patents, trademarks, copyrights, trade secrets and unfair competition laws, as well as license agreements and other contractual provisions, to protect our intellectual property and other proprietary rights. However, filing, prosecuting and defending patents on our products in all countries and jurisdictions throughout the world would be prohibitively expensive. Moreover, existing U.S. legal standards relating to the validity, enforceability and scope of protection of intellectual property rights offer only limited protection, may not provide us with any competitive advantages and may be challenged by third parties. The laws of countries other than the United States may be even less protective of intellectual property rights. As a result, a significant portion of our technology is not patented, and we may be unable or may not seek to obtain patent protection for this technology. Further, although we routinely conduct anti-counterfeiting activities in multiple jurisdictions, we have encountered counterfeit reproductions of our products or products that otherwise infringe on our intellectual property rights. Counterfeit components of low quality may negatively impact our brand value. Accordingly, despite our efforts, we may be unable to prevent third parties from infringing upon, counterfeiting or misappropriating our intellectual property or otherwise gaining access to our technology. If we fail to protect our intellectual property and other proprietary rights, then our business, results of operations and financial condition could be negatively impacted.

In addition, we operate in industries in which there are many third-party owners of intellectual property rights. Owners of intellectual property that we need to conduct our business as it evolves may be unwilling to license such intellectual property rights to us on terms we consider reasonable. Third party intellectual property owners may assert infringement claims against us based on their intellectual property portfolios. If we are sued for intellectual property infringement, we may incur significant expenses investigating and defending such claims, even if we prevail.

We face cyber-security and data protection risks relating to cyber-attacks and information technology failures that could cause loss of confidential information and other business disruptions.

We rely extensively on the security, stability, and availability of technology systems in our business. We also collect, process, and retain sensitive and confidential customer information, including proprietary business information, personal data and other information that may be subject to privacy and security laws, regulations and/or customer-imposed data protection controls. Our business may be adversely impacted by unintentional technology disruptions, including those resulting from programming errors, employee operational errors, software defects, and product vulnerabilities.

We also provide technological products integral to train operation. Accordingly, our business may be adversely impacted by disruptions to our own or third-party information technology infrastructure, which could result from cybersecurity incidents, including, but not limited to, unauthorized access to the Company's information technology systems, data access or acquisition, and/or encryption of the Company's environment.

For instance, we have experienced cyber-security incidents that have impacted the Company's network. We have also been indirectly affected by vulnerabilities in third-party systems used for certain Wabtec products. In each instance, the Company has promptly activated incident response protocols and completed a thorough investigation. Such incidents have not had a material impact on our business, operations or financial results. However, a successful exploitation of our own or our vendors' information technology infrastructure could result in service interruptions, safety hazards, misappropriation of confidential information, process failures, security breaches or other operational difficulties. Such an event could result in

decreased revenues and increased capital, insurance or operating costs, including the increased costs of security to protect the Company's infrastructure, among other results. Insurance maintained by the Company to protect against loss of business and other related consequences resulting from cyber incidents may not be sufficient to cover all damages. A disruption or compromise of the Company's technology systems, even for short periods of time, could have a material adverse effect.

RISKS RELATED TO HUMAN CAPITAL

Labor shortages and labor disputes may have a material adverse effect on our operations and profitability.

We depend on skilled labor in our manufacturing and other businesses. Due to the competitive nature of the labor markets in which we operate, we may not be able to retain, recruit and train the personnel we require, particularly when the economy expands, production rates are high or competition for such skilled labor increases.

We collectively bargain with labor unions at some of our operations throughout the world. Failure to reach an agreement could result in strikes or other labor protests which could disrupt our operations. Furthermore, non-union employees in certain countries have the right to strike. If we were to experience a strike or work stoppage, it could be difficult for us to find a sufficient number of employees with the necessary skills to replace these employees. We cannot assure that we will reach any such agreement or that we will not encounter strikes or other types of conflicts with the labor unions of our personnel.

Any such labor shortages or labor disputes could have an adverse effect on our business, results of operations and financial condition, could cause us to lose revenues and customers and might have permanent effects on our business.

We rely on our management team and other key personnel.

We depend on the skills, working relationships, and continued services of key personnel, including our experienced management team, and other key employees. In addition, our ability to achieve our operating goals depends on our ability to identify, hire, train, and retain qualified individuals. We compete with other companies both within and outside of our industry for talented personnel, and we may lose key personnel or fail to attract, train, and retain other talented personnel. Any such loss or failure could adversely affect our product sales, financial condition, and operating results. If we lose key personnel, because they terminate their employment or retire, or as a result of illness, disability or death, or if an insufficient number of employees is retained to maintain effective operations, our business activities may be adversely affected and our management team's attention may be diverted. In addition, we may not be able to locate suitable replacements for any key personnel that we lose, or we may not be able to hire potential replacements on reasonable terms, all of which could adversely affect our product sales, financial condition, and operating results.

RISKS RELATED TO OUR INDEBTEDNESS

Our indebtedness could adversely affect our financial health.

At December 31, 2024, we had total debt of \$4.0 billion, primarily related to Senior Notes, and the 2022 and 2024 Credit Agreements ("Credit Agreements"). Being indebted could have important consequences to us. For example, our indebtedness could:

- increase our vulnerability to general adverse economic and industry conditions;
- require us to dedicate a substantial portion of our cash flow from operations to payments on our indebtedness, thereby reducing the availability of our cash flow to fund working capital, capital expenditures, acquisitions, and other general corporate purposes;
- limit our flexibility in planning for, or reacting to, changes in our business and the industries in which we operate;
- place us at a disadvantage compared to competitors that have less debt;
- limit our ability to borrow additional funds; and,
- result in higher borrowing costs impacting our financial results upon refinancing any of our maturing debt.

Moreover, our Credit Agreements and the indentures governing our Senior Notes permit us to incur substantial additional indebtedness, which may further contribute to, or exacerbate the impact of, the foregoing impacts.

The indentures for our outstanding Senior Notes and our 2022 and 2024 Credit Agreements contain various covenants that limit our management's discretion in the operation of our businesses.

Our Credit Agreements subject us to customary (i) affirmative covenants, including requirements with respect to certain reporting obligations on us and our subsidiaries, and (ii) negative covenants, including limitations on: indebtedness; liens; restricted payments; fundamental changes (including certain changes in control); business activities; transactions with affiliates; restrictive agreements; changes in fiscal year; and use of proceeds. In addition, we are required to maintain (i) an Interest Coverage Ratio of at least 3.00 to 1.00, calculated using an earning metric as defined in the agreement compared to Interest Expense for the four quarters then ended and (ii) a Leverage Ratio, calculated by net debt (total debt, net of up to \$300 million of unrestricted cash) as of the last day of such fiscal quarter to the defined earnings metric for the four quarters then ended, of 3.5 or less. All terms are as defined in the Credit Agreements.

The indentures under which our Senior Notes were issued contain covenants and restrictions which limit, subject to certain exceptions, certain sale and leaseback transactions with respect to principal properties, the incurrence of secured debt without equally and ratably securing the senior notes and certain merger and consolidation transactions. In addition, the indentures require that we offer to repurchase our outstanding Senior Notes upon the occurrence of certain change of control triggering events.

Item 1B. UNRESOLVED STAFF COMMENTS

None.

Item 1C. CYBERSECURITY

Risk Management and Strategy

The security of the Company's products, data, services and network is a critical priority. To effectively assess, identify and manage material risks associated with cybersecurity threats, the Company has adopted a comprehensive approach with respect to acceptable use, risk management, data privacy, education and awareness, security incident management and reporting, identity and access management, third-party management, security (with respect to physical assets, products, networks and systems), security monitoring and vulnerability identification. The Company has, and continues to, invest in internal and external tools to better detect, patch, monitor, and restore systems. Further, the Company maintains cybersecurity insurance coverage intended to protect against loss of business and other related consequences resulting from cyber incidents.

The Company also maintains a global incident response plan and regularly conducts exercises to help with our overall preparedness. The Company takes measures to improve and update our cybersecurity program, including independent third party assessments, penetration testing and scanning of our systems for vulnerabilities. The Company pairs with assessors, consultants, auditors, and other third-party service providers and advisers to assist in monitoring cybersecurity risks.

The Company remains committed to preserving the integrity of its network, while remaining adaptable to identify new and emerging threats relying on both internal and external research and intelligence gathering. The Company has instituted a Cybersecurity Awareness Month program and the Cybersecurity Champion Network for continuous improvement via trainings and continued awareness on emerging cybersecurity risks.

During 2022, the Company detected a cyber-security incident which impacted the Company's network. The Company promptly activated incident response protocols and completed a thorough investigation. The incidents did not have a material impact on our business, operations or financial results.

Governance

The Company and its Board understands the importance of maintaining a secure environment for our products, data and systems that effectively supports our business objectives and customer needs. Cybersecurity risks are overseen by the Audit Committee of the Board. The Senior Vice-President and Chief Information Officer ("CIO") and Chief Information Security Officer ("CISO") provide ongoing and continuing reports to the Audit Committee, which includes information about cyber-risk management, the effectiveness of the Company's cybersecurity framework, and benchmarking the Company against its industry peers. The CISO is responsible for navigating cyber risks, data access governance, security governance and global regulatory compliance related to cybersecurity regulations and industry standards. The Company also has a Chief Product Security Officer ("CPSO") who manages imbedding cybersecurity in the Company's products and services as they are being developed.

The Company's CIO, CISO, and cybersecurity team collectively have decades of experience in various roles managing information security, developing cybersecurity strategy, and implementing, planning and operationalizing a comprehensive global IT infrastructure. Our CIO and CISO maintain relevant degrees, certifications, and trainings while also being recognized as experts in their respective fields by industry leaders.

The Company also conducts ongoing cyber security reviews which includes updates on the Company's enterprise cybersecurity risk and product cybersecurity risk. Risk is assessed utilizing internal key performance indicators and external evaluations to determine the Company's cybersecurity score in comparison to its peer group. Wabtec's Board of Directors participates in all enterprise annual security awareness training and phishing campaigns. Throughout the year, as appropriate, in addition to regularly scheduled updates, the Audit Committee, CIO, and CISO maintain an ongoing dialogue regarding the Company's cybersecurity risk and posture. The cybersecurity framework is also supported by Wabtec's broader enterprise risk management process to ensure alignment of the Company's cybersecurity efforts with the Company's overall enterprise risk management.

Item 2. PROPERTIES

Facilities

The following table provides certain summary information about the principal facilities owned or leased by the Company as of December 31, 2024. The Company believes that its facilities and equipment are generally in good condition and that, together with scheduled capital improvements, they are adequate for its present and immediately projected needs. Leases on the facilities are mainly long-term and generally include options to renew.

Location	Primary Use	Segment	Own/Lease	Approximate Square Feet
Domestic				
Erie, PA	Manufacturing/Warehouse/Office	Freight	Own	3,800,000
Fort Worth, TX	Manufacturing/Warehouse/Office	Freight	Own/Lease	1,438,000
Grove City, PA	Manufacturing/Warehouse/Service	Freight	Own	728,000
Salem, VA	Manufacturing/Warehouse/Office	Freight	Own	320,000
Oak Creek, WI	Manufacturing/Warehouse/Office	Freight	Lease	290,000
Indianapolis, IN	Distribution Center/Office	Freight	Own	265,000
Kansas City, MO	Manufacturing/Warehouse/Office	Freight	Lease	200,000
Hibbing, MN	Manufacturing/Warehouse/Office	Freight	Own	157,000
Spartanburg, SC	Manufacturing/Warehouse/Office	Transit	Own/Lease	184,000
Pittsburgh, PA	Office	Global HQ	Lease	84,000
International				
Astana, Kazakhstan	Manufacturing/Warehouse/Office	Freight	Own/Lease	700,000
Bihar, India	Manufacturing/Warehouse/Office	Freight	Own/Lease	500,000
San Luis Potosi, Mexico	Manufacturing/Warehouse/Office	Freight/Transit	Own/Lease	480,000
Doncaster, UK	Manufacturing/Warehouse/Office	Transit	Own	330,000
Contagem, Brazil	Manufacturing/Warehouse/Office	Freight	Own	310,000
Piussasco, Italy	Manufacturing/Warehouse/Office	Transit	Own	301,000
Tours, France	Manufacturing/Warehouse/Office	Transit	Own/Lease	250,000
Pilsen, Czech	Manufacturing/Warehouse/Office	Transit	Lease	236,000
Shanghai, China	Manufacturing/Warehouse/Office	Transit	Lease	220,000
Bangalore, India	Office	Corporate	Lease	171,000

Item 3. LEGAL PROCEEDINGS

Information with respect to material pending legal proceedings is included in Note 18 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report and incorporated by reference herein.

Item 4. MINE SAFETY DISCLOSURES

Not applicable.

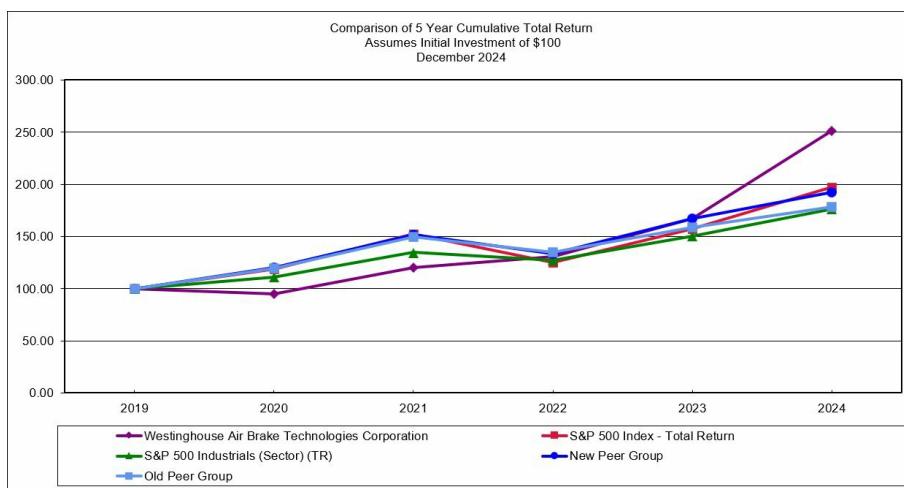
PART II

Item 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

The Common Stock of the Company is listed on the New York Stock Exchange under the symbol "WAB." As of February 7, 2025, there were 170,848,147 shares of Common Stock outstanding held by approximately 90,831 holders of record.

The Company has historically paid quarterly dividends to shareholders, subject to quarterly approval by our Board of Directors, currently at a rate of approximately \$171 million annually. The declaration and payment of future dividends are at the discretion of the Board of Directors.

The following performance graph and related information shall not be deemed "soliciting material" or to be "filed" with the Securities and Exchange Commission, nor shall such information be incorporated by reference to any future filings under the Securities Act of 1933 and the Securities Exchange Act of 1934, each as amended, except to the extent that Wabtec specifically incorporates it by reference into such filing. The graph below compares the total stockholder return through December 31, 2024, of Wabtec's common stock to (i) the S&P 500, (ii) the S&P 500 Industrials and, (iii) our peer group of manufacturing companies which consists of the following publicly traded companies: AGCO, AMETEK, CSX, Dover, Eaton Corporation, Emerson Electric, Illinois Tool Works, Ingersoll Rand Inc., Jacobs Solutions Inc., Norfolk Southern Corporation, Oshkosh Corporation, Parker-Hannifin Corporation, Rockwell Automation Inc., Snap-on Incorporated, Stanley Black & Decker Inc., Textron, Inc., The Timken Company, The TransDigm Group, and Xylem. For 2024, changes to the Peer Group were made for better industry alignment and financial comparability considerations.



Issuer Purchases of Common Stock

Month	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Programs (1)	Maximum Dollar Value of Shares That May Yet Be Purchased Under the Programs (1)	
				In millions	
October 2024	—	\$ —	—	—	\$ 123
November 2024	—	\$ —	—	—	\$ 123
December 2024	609,972	\$ 201.64	609,972	\$ 609,972	\$ 1,000
Total quarter ended December 31, 2024	<u>609,972</u>	<u>\$ 201.64</u>	<u>609,972</u>	<u>\$ 609,972</u>	<u>\$ 1,000</u>

- (1) On December 3, 2024, the Board of Directors authorized an additional \$1.0 billion to the Company's existing stock repurchase program for stock repurchases of the Company's outstanding shares. This new authorization provides an additional \$1.0 billion that became available for repurchases after the remaining availability as of December 3, 2024 was expended. No time limit was set for the completion of the program which conforms to the requirements under the 2022 Credit Agreement, the 2024 Credit Agreement and the indentures for the Senior Notes currently outstanding. The Company may repurchase shares in the future at any time, depending upon market conditions, our capital needs and other factors. Purchases of shares may be made by open market purchases or privately negotiated purchases and may be made pursuant to Rule 10b5-1 plan or otherwise. As of December 31, 2024, approximately \$1.0 billion was remaining under the stock repurchase plan.

Item 6. [RESERVED]

OVERVIEW

Wabtec is a global provider of value-added, technology-based locomotives, equipment, systems and services for the freight rail and passenger transit industries, as well as the mining, marine, and industrial markets. Our highly engineered products, which are intended to enhance safety, improve productivity and reduce maintenance costs for customers, can be found on most locomotives, freight cars, passenger transit cars, and buses around the world. Our core products and services are essential in the safe and efficient operation of freight rail and passenger transit vehicles. Wabtec is a global company with operations in over 50 countries, and our products can be found in more than 100 countries throughout the world. In 2024, approximately 53% of the Company's Net sales came from customers outside the U.S.

Wabtec's long-term financial goals are to increase revenues through a focused growth strategy, including product innovation and new technologies, global and market expansion, aftermarket products and services, and strategic acquisitions, increase margins through strict attention to cost controls, drive improved efficiencies across the business, drive strong cash flow conversion, and maintain a strong credit profile while minimizing our overall cost of capital. In addition, Management evaluates the Company's current operational performance through measures such as safety, quality and on-time delivery.

The Company primarily serves the worldwide freight and transit rail industries. Our operating results are largely dependent on the level of activity, financial condition and capital spending plans of railroads and passenger transit agencies around the world, and transportation equipment manufacturers who serve those markets. Many factors influence these industries, including general economic conditions; traffic volumes, as measured by freight carloads and passenger ridership; number of locomotives and railcars in operation; government spending on public transportation; and investment in new technologies. In general, trends such as urbanization and growth in developing markets, sustainability and environmental awareness, investment in technology solutions, an aging equipment fleet, and growth in global trade are expected to drive continued investment in freight rail and passenger transit.

The Company monitors a variety of factors and statistics to gauge market activity. Freight rail markets around the world are driven primarily by overall economic conditions and activity, while Transit markets are driven primarily by government funding and passenger ridership. Changes in these market drivers can cause fluctuations in demand for Wabtec's products and services.

Business Update

During 2024, Wabtec continued to execute on our value creation framework by signing several key agreements including: a multi-year Tier 4 locomotive order in North America for over \$600 million, a multi-year locomotive order in Kazakhstan for over \$400 million, international orders for new locomotives for \$401 million across six customers, and multi-year orders for new locomotives in Africa for approximately \$525 million. Additionally, Wabtec won a long-term parts agreement with a Class I railroad for over \$300 million, signed its first multi-year service contract with a customer in Brazil worth over \$240 million, won signaling contracts with Transit customers in North America, and secured a long-term parts agreement with a customer in Asia. Operationally, Wabtec began commercial operations for its Green Friction braking solution in Paris and launched the next generation of railcar movers with its Shuttlewagon Commander NXT. Additionally, as a result of Wabtec's strong revenue and profitable growth over the past few years, rating agencies have made the following changes to our credit ratings: both Fitch Ratings and S&P Global Ratings upgraded Wabtec's credit rating from BBB- to BBB with a Stable outlook, and Moody's updated Wabtec's outlook to positive from stable.

During the first quarter of 2022, Wabtec announced Integration 2.0, a multi-year strategic initiative to target incremental run rate synergies now estimated to be approximately \$100 million by the end of 2026. The scope of the review included consolidating our operating footprint, reducing headcount, streamlining the end-to-end manufacturing process, restructuring the North America distribution channels, expanding operations in low-cost countries and simplifying the business through systems enablement. During the twelve months ended December 31, 2024 and 2023, the Company incurred one-time restructuring charges for programs included in the initiative of approximately \$28 million and \$49 million, respectively, primarily for employee-related costs and asset write downs associated with site consolidations in Europe. The Company now expects to incur approximately \$170 million of one-time restructuring charges related to Integration 2.0, of which approximately \$146 million has been incurred through December 31, 2024. Approved programs resulted in approximately 15 facility closures and impacted approximately 1,000 employees.

In addition to Integration 2.0, Wabtec is focused on exiting various low margin product offerings through Portfolio Optimization to improve profitability while reducing manufacturing complexity. Wabtec now expects to incur approximately \$70 million in net exit charges related to Portfolio Optimization, which will be predominately non-cash asset write downs. For the years ended December 31, 2024 and 2023, Wabtec recorded charges of approximately \$28 million primarily for asset write

downs related to Portfolio Optimization. Total one-time restructuring charges related to Portfolio Optimization to date are approximately \$56 million.

In February 2025, Wabtec announced Integration 3.0, a three-year strategic initiative to target incremental run rate synergies estimated to be between \$100 million to \$125 million by 2028. The scope of the review includes consolidating our footprint via value chain improvement and facility rationalization, reducing headcount, expanding operating capacity in low-cost countries, and streamlining administrative and commercial activities. Management will also consider additional capital investments to further simplify and streamline the business. The Company anticipates that it will incur charges of approximately \$125 million to \$155 million related to this initiative, of which approximately \$80 million to \$100 million are expected to be one-time restructuring charges. Concurrently, Wabtec announced an additional Portfolio Optimization initiative for 2025 targeting approximately \$100 million of low margin revenues. The 2025 Portfolio Optimization actions are expected to result in approximately \$40 million of net exit charges, primarily for non-cash asset write downs. Estimates for these programs could change based on the specific programs approved or changes to the scope of the review.

Future macroeconomic volatility, supply chain disruptions and labor availability could cause component and raw material shortages resulting in an adverse effect on the timing of the Company's revenue and cash flows. Additionally, broad-based inflation, metals, energy and other commodity costs, transportation and logistics costs, labor costs, and foreign currency exchange rate fluctuations all continue to impact our results. The Company utilizes various mitigating actions intended to lessen the impact of macroeconomic volatility. These actions include implementing price escalations and surcharges, driving operational efficiencies through various cost mitigation efforts and discretionary spend management, strategically sourcing materials, reviewing and modifying distribution logistics, and accelerating integration synergies through our restructuring programs.

A portion of our workers are represented by labor unions. The United Electrical, Radio and Machine Workers of America (UE), Locals 506 and 618 collective bargaining agreement, covering approximately 1,400 locomotive manufacturing workers in Erie, Pennsylvania, expired on June 9, 2023. Negotiations with UE officially began on April 27, 2023 and an agreement between the Company and the UE was not reached before the contract expired. On June 22, 2023, the UE voted against ratification of the Company's proposed agreement and authorized a strike. The Company and the UE subsequently reached an agreement that was ratified by the UE on August 31, 2023, ending the labor strike. The Company continuously monitors its labor activity.

During the first quarter of 2024, Company Management determined that certain parts of the business would be better aligned with Management oversight in different product lines. These changes were immaterial to the individual product lines and segments affected, and historical amounts have been reclassified to conform to the current period presentation.

Cyber Incident

As previously announced, on June 26, 2022, we detected a cyber security incident which impacted the Company's network. The Company promptly activated incident response protocols, which included shutting down certain systems, and commenced an investigation of the incident. The Company also notified law enforcement and engaged legal counsel and other third-party incident response and cybersecurity professionals.

Based on the Company's assessment, the incident did not have a significant financial impact and the Company does not believe the incident will have a material impact on its business, operations or financial results. The Company maintains cyber insurance, subject to certain deductibles and policy limitations typical for its size and industry.

ACQUISITIONS

During 2024, the Company made four strategic acquisitions for a combined purchase price of approximately \$168 million, net of cash acquired. Two of the acquisitions are reported in the Transit Segment, one is reported in the Digital Intelligence product line of the Freight Segment and one is reported in the Components product line of the Freight Segment. Each of the acquisitions in 2024 are individually and collectively immaterial.

During the fourth quarter of 2023, the Company purchased the remaining ownership shares of LKZ, a locomotive manufacturing and assembly company located in Kazakhstan for \$111 million, at which time it became a wholly owned subsidiary of the Company. Prior to this purchase, Wabtec owned 50% of LKZ as a joint venture partner and accounted for its interest as an equity method investment. During the second quarter of 2023, the Company acquired L&M Radiator, Inc., a leading manufacturer of heavy-duty equipment radiators and heat exchangers for the mining sector, for a purchase price of approximately \$245 million.

During 2022, the Company made three strategic acquisitions in the Freight Segment for a combined purchase price of \$89 million, net of cash acquired. Two of the acquisitions are reported in the Digital Intelligence product line and one is reported in the Services product line. Each of the acquisitions in 2022 are individually and collectively immaterial. For

additional information related to these acquisitions refer to Note 3 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report.

On January 14, 2025, Wabtec announced a definitive agreement to acquire Evident's Inspection Technologies division (Inspection Technologies), formerly part of the Scientific Solutions Division of Olympus Corporation, a global leader in Non-Destructive Testing, Remote Visual Inspection and Analytical Instruments solutions for mission critical assets, for \$1.78 billion. Inspection Technologies' leading industry presence and innovative product portfolio is expected to significantly expand Wabtec's capabilities, adding advanced automated inspection capabilities, driving technology in a space where data acquisition, analytics and automation are critical. Upon acquisition, Inspection Technologies will be reported within the Digital Intelligence product line of the Freight Segment. The Company anticipates financing the acquisition with a combination of cash on hand, utilization of the Revolving Credit Facility and an additional term loan. The transaction is subject to customary closing conditions and regulatory approvals, with the Company expecting to finalize the acquisition of Inspection Technologies by the end of the first half of 2025.

RESULTS OF OPERATIONS

Consolidated Results

2024 COMPARED TO 2023

The following table shows our Consolidated Statements of Operations for the years indicated.

<i>In millions</i>	For the year ended December 31,	
	2024	2023
Net sales:		
Sales of goods	\$ 8,434	\$ 7,647
Sales of services	1,953	2,030
Total Net sales	10,387	9,677
Cost of sales:		
Cost of goods	(5,918)	(5,581)
Cost of services	(1,103)	(1,152)
Total Cost of sales	(7,021)	(6,733)
Gross profit	3,366	2,944
Operating expenses:		
Selling, general and administrative expenses	(1,248)	(1,139)
Engineering expenses	(206)	(218)
Amortization expense	(303)	(321)
Total Operating expenses	(1,757)	(1,678)
Income from operations	1,609	1,266
Other income and expenses:		
Interest expense, net	(201)	(218)
Other income, net	2	44
Income before income taxes	1,410	1,092
Income tax expense	(343)	(267)
Net income	1,067	825
Less: Net income attributable to noncontrolling interest	(11)	(10)
Net income attributable to Wabtec shareholders	\$ 1,056	\$ 815

The following table shows the major components of the change in Net sales in 2024 from 2023:

<i>In millions</i>	Freight Segment	Transit Segment	Total
2023 Net sales	\$ 6,923	\$ 2,754	\$ 9,677
Acquisitions	78	3	81
Foreign Exchange	(32)	(1)	(33)
Organic	499	163	662
2024 Net sales	\$ 7,468	\$ 2,919	\$ 10,387

The following discussion compares our results for the year ended December 31, 2024 to the year ended December 31, 2023. The discussion comparing our results for the year ended December 31, 2023 to the year ended December 31, 2022 is included within Management's Discussion and Analysis of Financial Condition and Results of Operation in our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on February 14, 2024.

Net sales

Net sales for the year ended December 31, 2024 increased by \$710 million, or 7.3%, to \$10.39 billion compared to the same period in 2023. Organic sales increased \$662 million which was attributable to both the Freight and Transit Segments. Freight Equipment sales increased from higher North American and international locomotive sales and increased mining sales. Freight Services sales increased from higher deliveries of locomotive modernizations and engine overhauls and higher parts sales. Transit sales increased primarily as a result of higher demand for Aftermarket and Original Equipment Manufacturing products and services driven by increased investments in sustainable infrastructure, fleet expansion and renewals and increased

passenger ridership levels. Sales from acquisitions contributed \$81 million, primarily in the Freight Segment, and unfavorable changes in foreign exchange decreased Net sales by \$33 million.

Cost of sales

Cost of sales for the year ended December 31, 2024 increased by \$288 million, or 4.3%, to \$7.02 billion compared to the same period in 2023. The increase is primarily due to the increase in Net sales. Cost of sales as a percentage of Net sales was 67.6% and 69.6% for the years ended December 31, 2024 and 2023, respectively. The improvement in gross margin is attributable to contract escalation clauses, favorable mix between the Freight and Transit segments, improved productivity, Integration 2.0 savings, and favorable fixed cost absorption. Cost of sales for the years ended December 31, 2024 and 2023 included \$37 million and \$38 million, respectively, of restructuring costs, primarily for headcount actions and footprint rationalization related to Integration 2.0 and Portfolio Optimization.

Operating expenses

Total operating expenses increased \$79 million, or 4.7%, for the year ended December 31, 2024 compared to the same period in 2023, primarily due to the increase in Net sales. Operating expenses as a percentage of Net sales was 16.9% and 17.3% for the years ended December 31, 2024 and 2023, respectively. Selling, general and administrative expenses ("SG&A") increased \$109 million for the year ended December 31, 2024 compared to the same period in 2023. The increase is primarily from costs incurred to support the higher sales volume, higher employee compensation and benefit costs and higher professional fees related to acquisitions, partially offset by the impacts of Integration 2.0. Restructuring costs included in SG&A were \$18 million for the years ended December 31, 2024 and 2023, primarily for headcount actions and footprint rationalization programs related to Integration 2.0 in both years and Portfolio Optimization in 2024. Engineering expenses decreased \$12 million primarily due to the timing of investments in new technology, and Amortization expense decreased \$18 million, primarily related to changes in accelerated amortization for business dispositions associated with Portfolio Optimization and lower amortization for the GE Transportation trade name.

Interest expense, net

Interest expense, net, decreased \$17 million to \$201 million for the year ended December 31, 2024 over the same period in 2023 primarily due to lower weighted average debt balances throughout the current year, partially offset by higher effective interest rates.

Other income, net

Other income, net, decreased \$42 million to \$2 million for the year ended December 31, 2024 compared to the same period in 2023, primarily due to lower equity income during 2024 and a gain on equity interest in the prior year. As a result of the change in ownership interest and obtaining control of LKZ in late 2023, Wabtec's previously held equity interest balance in LKZ was remeasured to fair value, resulting in a gain of approximately \$35 million recorded to Other income, net in the prior year.

Income taxes

The effective income tax rate was 24.3% and 24.5% for the years ended December 31, 2024 and 2023, respectively. The year over year decrease was primarily due to changes in valuation allowances and audit closures, partially offset by a change in the jurisdictional mix of earnings and the non-recurrence of the non-taxable gain generated on the acquisition of LKZ in 2023. See Note 11 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report for additional information.

Freight Segment

The following table shows our Consolidated Statements of Operations for our Freight Segment for the periods indicated:

<u>In millions</u>	For the year ended December 31,		<u>Change</u>	<u>% Change</u>
	<u>2024</u>	<u>2023</u>		
Net sales:				
Sales of goods	\$ 5,524	\$ 4,906	\$ 618	12.6 %
Sales of services	1,944	2,017	(73)	(3.6) %
Total Net sales	7,468	6,923	545	7.9 %
Cost of sales:				
Cost of goods	(3,848)	(3,600)	248	6.9 %
Cost of services	(1,097)	(1,142)	(45)	(3.9) %
Total Cost of sales	(4,945)	(4,742)	203	4.3 %
Cost of sales (% of Net sales)	66.2 %	68.5 %	(2.3)	
Gross profit	2,523	2,181	342	15.7 %
Operating expenses	(1,101)	(1,116)	(15)	(1.3) %
Income from operations (\$)	\$ 1,422	\$ 1,065	\$ 357	33.5 %
Income from operations (% of Net sales)	19.0 %	15.4 %	3.6	

The following table shows the major components of the change in Net sales for the Freight Segment in 2024 from 2023:

<u>In millions</u>		
2023 Net sales		\$ 6,923
Acquisitions		78
Foreign Exchange		(32)
Changes in Net sales by Product Line:		
Services		132
Equipment		328
Components		23
Digital Intelligence		16
2024 Net sales		\$ 7,468

Net sales

Freight Segment organic sales increased by \$499 million driven primarily by Equipment sales from higher North American and international locomotive sales and increased mining sales, and Services sales from higher deliveries of locomotive modernizations and engine overhauls and higher parts sales. Additionally, Freight Segment sales also benefited from our strategic acquisitions, primarily from L&M Radiator Inc. acquired in the second quarter of 2023, by \$78 million.

Cost of sales

Freight Segment Cost of sales increased \$203 million from higher sales volume, and Cost of sales as a percentage of Net sales decreased 2.3 percentage points. The improvement in gross margin is attributable to contract escalation clauses, favorable mix within the Freight Segment product lines, improved productivity and Integration 2.0 savings. Cost of sales for the year ended December 31, 2023 was also impacted by manufacturing inefficiencies related to labor negotiations at our Erie facility and costs related to next generation product development in Digital Intelligence. Cost of sales for the years ended December 31, 2024 and 2023 included \$18 million and \$13 million, respectively, of restructuring costs, primarily related to Integration 2.0 and Portfolio Optimization.

Operating expenses

Freight Segment Operating expenses as a percentage of Net sales were 14.7% and 16.1% for the years ended December 31, 2024 and 2023, respectively. Freight Segment Operating expenses decreased by \$15 million primarily driven by lower amortization expense of \$26 million due to changes in accelerated amortization for business dispositions associated with Portfolio Optimization and lower amortization for the GE Transportation trade name, and lower Engineering expenses of \$16 million due to the timing of investments in new technology. This was partially offset by higher SG&A expenses of

\$27 million resulting from higher costs to support increased sales volume, higher employee compensation and benefit costs and incremental expense from acquisitions. Freight SG&A expenses for the years ended December 31, 2024 and 2023 included \$3 million and \$5 million, respectively, of restructuring costs related to Integration 2.0 in 2023 and Portfolio Optimization in 2024.

Transit Segment

The following table shows our Consolidated Statements of Operations for our Transit Segment for the periods indicated:

<u>In millions</u>	For the year ended December 31,		<u>Change</u>	<u>% Change</u>
	<u>2024</u>	<u>2023</u>		
Net sales	\$ 2,919	\$ 2,754	\$ 165	6.0 %
Cost of sales	(2,076)	(1,991)	85	4.3 %
Cost of sales (% of Net sales)	71.1 %	72.3 %	(1.2)	
Gross profit	843	763	80	10.5 %
Operating expenses	(505)	(468)	37	7.9 %
Income from operations (\$)	\$ 338	\$ 295	\$ 43	14.6 %
Income from operations (% of Net sales)	11.6 %	10.7 %	0.9	

The following table shows the major components of the change in Net sales for the Transit Segment in 2024 from 2023:

<u>In millions</u>		
2023 Net sales		\$ 2,754
Acquisitions		3
Foreign Exchange		(1)
Changes in Net sales by Product Line:		
Original Equipment Manufacturing		42
Aftermarket		121
2024 Net sales		\$ 2,919

Net sales

Transit Segment organic sales increased \$163 million driven by strong Aftermarket and Original Equipment Manufacturing sales. Increased passenger ridership levels resulted in increased demand for services and products. Additionally, increased investments in railway infrastructure, fleet expansion and renewals and sustainable transport initiatives also contributed to organic growth.

Cost of sales

Transit Segment Cost of sales increased by \$85 million primarily from higher sales volume, and Cost of sales as a percentage of Net sales decreased by 1.2 percentage points. The increase in gross margin is primarily attributable to favorable mix within the Transit Segment and the benefits from structured cost actions taken through prior years' restructuring and integration projects, primarily Integration 2.0. Transit Cost of sales for the years ended December 31, 2024 and 2023 included \$19 million and \$25 million of restructuring costs, respectively, primarily for footprint rationalization and headcount actions in Europe related to Integration 2.0.

Operating expenses

Operating expenses as a percentage of Net sales for the Transit Segment were 17.3% and 17.0% for the years ended December 31, 2024 and 2023, respectively. Transit Segment Operating expenses increased by \$37 million primarily driven by higher SG&A expenses of \$25 million to support higher sales volume and higher employee compensation and benefit costs, higher Engineering expenses of \$4 million due to increased investments in new technology, and higher Amortization expense of \$8 million primarily due to accelerated amortization for business dispositions associated with Portfolio Optimization. This was partially offset by benefits from structured cost actions taken through prior years' restructuring and integration projects, primarily Integration 2.0. Transit SG&A expenses for the years ended December 31, 2024 and 2023 included \$13 million of restructuring costs primarily for footprint rationalization and headcount actions in Europe related to Integration 2.0.

Liquidity and Capital Resources

Liquidity is provided by operating cash flows, borrowings under the 2022 Credit Agreement and the 2024 Credit Agreement, each with a consortium of commercial banks, and proceeds from the Company's Senior Notes. Additionally, the Company utilizes the revolving receivables program and supply chain financing program described below, as well as other short-term financing agreements with certain banks, for added flexibility as part of our liquidity management strategy. The following is a summary of selected cash flow information and other relevant data:

<i>In millions</i>	For the year ended December 31,	
	2024	2023
Cash provided by (used for):		
Operating activities	\$ 1,834	\$ 1,201
Investing activities	\$ (343)	\$ (492)
Financing activities	\$ (1,371)	\$ (633)

Operating activities In 2024, cash provided by operating activities was \$1,834 million compared to \$1,201 million in 2023. Significant changes to the sources and (uses) of cash for the twelve month periods include the following:

- \$242 million from increased Net income;
- \$161 million from favorable changes in Accounts receivables driven by \$121 million of higher collections on receivables and \$40 million of lower remittance for the Revolving Receivables Program;
- \$128 million from changes in Accounts payable due to timing of payments;
- \$(59) million from changes in Inventory to support higher sales;
- \$38 million from changes in employee related benefit payments; and,
- approximately \$150 million from changes in income tax accounts, including a tax refund in the current year.

Investing activities In 2024 and 2023, cash used for investing activities was \$(343) million and \$(492) million, respectively. During 2024, Wabtec made four strategic acquisitions for net cash of \$(168) million. During 2024, Wabtec also used \$(207) million for additions to property, plant and equipment for investments in our facilities and manufacturing processes, received \$19 million of net proceeds from dispositions of businesses, and received \$13 million of proceeds from disposals of property, plant, and equipment. During 2023, Wabtec acquired L&M Radiator, Inc., a leading manufacturer of heavy-duty equipment radiators and heat exchangers, for net cash of approximately \$(229) million and the remaining ownership shares of LKZ for net cash of approximately \$(81) million. During 2023, Wabtec also used \$(186) million for additions to property, plant and equipment.

Financing activities In 2024, cash used for financing activities was \$(1,371) million, which included \$(64) million from net changes in debt, \$(1,097) million of stock repurchases, \$(140) million of dividend payments, \$(42) million of contingent consideration payments related to the GE Transportation acquisition, \$(25) million of payments for income tax withholding on share-based compensation, and \$(6) million of distributions to noncontrolling interest. In 2023, cash used for financing activities was \$(633) million which included \$42 million from net changes in debt, \$(409) million of stock repurchases, \$(123) million of dividend payments, \$(112) million of contingent consideration payments related to the GE Transportation acquisition, \$(17) million of distributions to noncontrolling interest, and \$(16) million of payments for income tax withholding on share-based compensation.

During the first quarter of 2024, the Company entered into the 2024 Credit Agreement for a term loan of \$225 million. Also during the first quarter of 2024, the Company issued \$500 million of Senior Notes due in 2034 (the "2034 Notes"). Proceeds from the 2034 Notes, combined with the proceeds from the term loan under the 2024 Credit Agreement and cash on hand, were utilized to repay the outstanding amount of 2024 Notes at maturity.

During the third quarter of 2023, the Company borrowed the full \$250 million of availability under the Delayed Draw Term Loan and subsequently utilized the proceeds to redeem the outstanding 2023 Notes. Beginning September 15, 2023, the effective interest rates for the 2024 Notes and the 2028 Notes were each reduced by 0.25% due to a favorable change in Wabtec's corporate credit rating and the rating of the aforementioned notes.

The Company borrows and repays against the Revolving Credit Facility for added flexibility in liquidity to manage cash during the operating cycle. The proceeds from borrowing and the repayments are shown within the "Proceeds from debt, net of issuance costs" and "Payments of debt" lines, respectively, presented in the Consolidated Statements of Cash Flows. Additional

information with respect to credit facilities and long-term debt is included in Note 9 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report.

As of December 31, 2024, the Company held approximately \$715 million of cash, cash equivalents, and restricted cash, of which approximately \$417 million was held within the United States and approximately \$298 million was held outside of the United States, primarily in India, Europe, China and Brazil. While repatriation of some cash held outside the United States may be restricted by local laws, most of the Company's foreign cash could be repatriated to the United States net of any tax impacts. As of December 31, 2024, approximately \$9 million of the Company's \$715 million cash balance was classified as restricted cash.

We or our affiliates may, from time to time, seek to retire or purchase outstanding debt through negotiated or open-market cash purchases, exchanges, or otherwise, and such transactions, if any, will be upon such terms and at such prices as we may determine, and will depend on prevailing market conditions, our liquidity requirements, contractual restrictions and other factors.

Revolving Receivables Program

The Company utilizes a revolving receivables facility to sell up to \$350 million of certain receivables through our bankruptcy-remote subsidiary to a financial institution on a recurring basis in exchange for cash equal to the gross receivables sold. As customers pay their balances, we transfer additional receivables into the program, which could result in our gross receivables sold being higher or lower than customer collections remitted to the financial institution for any applicable period. Net cash remitted from the revolving receivables program was \$(20) million and \$(60) million for the years ended December 31, 2024 and 2023, respectively. During the fourth quarter of 2024, the revolving receivables program agreement was amended to allow us to request loans from the financial institution secured by the receivables held in the program, up to the \$350 million limit. As a result, effective January 1, 2025 proceeds and repayments of loans under the program will be classified as Financing activities on our statement of cash flows and outstanding balances will be classified as debt on our balance sheet. Additional information with respect to the Revolving Receivables Program is included in Note 2 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report.

Supply Chain Financing Program

The Company has entered into supply chain financing arrangements with third-party financial institutions to provide our vendors with enhanced payment options while providing the Company with added working capital flexibility. The Company does not provide any guarantees under these arrangements, does not have an economic interest in our supplier's voluntary participation, does not receive an economic benefit from the financial institutions, and no assets are pledged under the arrangements. The arrangements do not change the payable terms negotiated by the Company and our vendors and does not result in a change in the classification of amounts due as accounts payable in the Consolidated Balance Sheets. Additional information with respect to the Supply Chain Financing Program is included in Note 2 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report.

Intra-Quarter Uncommitted Money Market Line Credit Agreement

During the third quarter of 2024, the Company entered into an uncommitted bilateral money market line credit agreement which provides an aggregate borrowing capacity of \$150 million, for general business purposes and working capital needs within a quarter.

Guarantor Summarized Financial Information

The obligations under the US Notes issued by Westinghouse Air Brake Technologies Corporation (the "Parent Company") have been fully and unconditionally guaranteed by certain of the Parent Company's U.S. subsidiaries ("Guarantor Subsidiaries"). Each guarantor is 100% owned by the Parent Company, with the exception of GE Transportation, a Wabtec Company, which has 15,000 shares outstanding of Class A Non-Voting Preferred Stock held by General Electric Company. The Euro Notes are issued by Wabtec Transportation Netherlands B.V. ("Wabtec Netherlands") and are fully and unconditionally guaranteed by the Parent Company.

The following tables present summarized financial information of the Parent Company and the guarantor subsidiaries on a combined basis. The combined summarized financial information eliminates intercompany balances and transactions among the Parent Company and guarantor subsidiaries and equity in earnings and investments in any guarantor subsidiaries or non-guarantor subsidiaries. The summarized financial information is provided in accordance with the reporting requirements of Rule 13-01 under SEC Regulation S-X for the issuer and guarantor subsidiaries.

Summarized Statement of Income

<i>In millions</i>	Unaudited
	Parent Company and Guarantor Subsidiaries
	Year Ended December 31, 2024
Net sales	\$ 5,948
Gross profit	\$ 2,399
Net income attributable to Wabtec shareholders	\$ 788

Summarized Balance Sheet

<i>In millions</i>	Unaudited
	Parent Company and Guarantor Subsidiaries
	December 31, 2024
Current assets	\$ 1,604
Noncurrent assets	\$ 2,049
Current liabilities	\$ 2,242
Long-term debt	\$ 2,962
Other non-current liabilities	\$ 697

The following is a description of the transactions between the combined Parent Company and guarantor subsidiaries with non-guarantor subsidiaries.

<i>In millions</i>	Unaudited
	Parent Company and Guarantor Subsidiaries
	Year Ended December 31, 2024
Net sales to non-guarantor subsidiaries	\$ 875
Purchases from non-guarantor subsidiaries	\$ 1,170
Amount due to non-guarantor subsidiaries	\$ 13,697

Summarized Financial Information—Euro Notes

The obligations under Wabtec Netherlands' Euro Notes are fully and unconditionally guaranteed by the Parent Company. Wabtec Netherlands is a wholly-owned, indirect subsidiary of the Parent Company. Wabtec Netherlands is a holding company and does not have any independent operations. Its assets consist of its investments in subsidiaries, which are separate and distinct legal entities that are not guarantors of the Euro Notes and have no obligations to pay amounts due under Wabtec Netherlands' obligations.

The following tables present summarized financial information of Wabtec Netherlands, as the Issuer of the Euro Notes, and the Parent Company, as the parent Guarantor, on a combined basis. The combined summarized financial information eliminates all intercompany balances and transactions among Wabtec Netherlands and the Parent Company as well as all equity in earnings from and investments in any subsidiary of the Parent Company, other than Wabtec Netherlands, which we refer to below as the Non-Guarantor Subsidiaries. The summarized financial information is provided in accordance with the reporting requirements of Rule 13-01 under SEC Regulation S-X for the issuer and Parent Company guarantor.

Summarized Statement of Income

<i>In millions</i>	Unaudited
	Issuer and Guarantor
	Year Ended December 31, 2024
Net sales	\$ 577
Gross profit	\$ 90
Net loss attributable to Wabtec shareholders	\$ (209)

Summarized Balance Sheet

<i>In millions</i>	Unaudited		Issuer and Guarantor
	December 31, 2024	December 31, 2023	
Current assets	\$ 546	\$ 493	
Noncurrent assets	\$ 646	\$ 651	
Current liabilities	\$ 1,014	\$ 1,272	
Long-term debt	\$ 3,479	\$ 3,287	
Other non-current liabilities	\$ 49	\$ 84	

The following is a description of the transactions between the combined Wabtec Netherlands, as the Issuer of the Euro Notes, and the Parent Company, as the parent Guarantor, with the subsidiaries of Westinghouse Air Brake Technologies Corp., other than Wabtec Netherlands, none of which are guarantors of the Euro Notes.

<i>In millions</i>	Unaudited		Issuer and Guarantor
	Year Ended December 31, 2024	2023	
Net sales to non-guarantor subsidiaries	\$ 46		
Purchases from non-guarantor subsidiaries		141	
<i>In millions</i>	Unaudited		Issuer and Guarantor
		December 31, 2024	
Amount due to non-guarantor subsidiaries	\$ 8,449		

Contractual Obligations and Off-Balance Sheet Arrangements

The Company is obligated to make future payments under various contracts such as purchase, debt and lease agreements and has certain contingent commitments. The Company has grouped these contractual obligations and off-balance sheet arrangements into operating activities, financing activities, and investing activities in the same manner as they are classified in the Statement of Consolidated Cash Flows to provide a better understanding of the nature of the obligations and arrangements and to provide a basis for comparison to historical information. The table below provides a summary of contractual obligations and off-balance sheet arrangements as of December 31, 2024:

<i>In millions</i>	Total	2025	2026-27	2028-29	2030+
Operating activities:					
Purchase obligations ⁽¹⁾	\$ 119	\$ 117	\$ 2	\$ —	\$ —
Operating leases ⁽²⁾	345	63	101	67	114
Pension and postretirement benefit payments ⁽³⁾	214	20	41	44	109
Interest payments ⁽⁴⁾	684	156	268	134	126
Financing activities:					
Long-term debt	3,995	500	1,520	1,475	500
Dividends to shareholders ⁽⁵⁾	171	171	—	—	—
Total	\$ 5,528	\$ 1,027	\$ 1,932	\$ 1,720	\$ 849

(1) Purchase obligations represent non-cancelable contractual obligations at December 31, 2024.

(2) Operating leases represent multi-year obligations for rental of facilities and equipment.

(3) Pension and postretirement benefit payments includes expected payments to participants out of plan assets and corporate assets. The benefit payments are based on actuarial estimates using current assumptions for discount rates, expected return on long-term assets and rate of compensation increases. The Company does not expect material contributions to pension plan investments in 2025.

- (4) Interest payments on the Senior Notes and the amounts borrowed under the 2024 and 2022 Credit Agreements as of December 31, 2024 are based on interest rates in effect as of December 31, 2024 and are calculated on debt with maturities that extend to 2034.
- (5) Shareholder dividends are subject to approval by the Company's Board of Directors, currently at an annual rate of approximately \$171 million beginning in 2025.

The above table does not reflect uncertain tax positions of \$19 million, the timing of which are uncertain. Refer to Note 11 of the "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report for additional information on uncertain tax positions. Additionally, the Company arranges for certain types of bank guarantees and letters of credit, such as performance bonds, bid bonds and financial guarantees, that are issued by certain banks and insurance companies to support customer contracts. At December 31, 2024, the total value of these bank guarantees and letters of credit were \$931 million and expire on various dates through 2034. Amounts include interest payments based on contractual terms and the Company's current interest rate.

Forward Looking Statements

We believe that all statements other than statements of historical facts included in this report, including certain statements under "Business" and "Management's Discussion and Analysis of Financial Condition and Results of Operations," may constitute forward-looking statements. We have based these forward-looking statements on our current expectations and projections about future events. Although we believe that our assumptions made in connection with the forward-looking statements are reasonable, we cannot assure that our assumptions and expectations are correct.

These forward-looking statements are subject to various risks, uncertainties and assumptions about us, including, among other things:

Economic and industry conditions

- changes in general economic and/or industry specific conditions, including the impacts of tax and tariff programs, inflation, supply chain disruptions, foreign currency exchange, and industry consolidation;
- prolonged unfavorable economic and industry conditions in the markets served by us, including North America, South America, Europe, Australia, Asia and Africa;
- decline in demand for freight cars, locomotives, passenger transit cars, buses and related products and services;
- reliance on major original equipment manufacturer customers;
- original equipment manufacturers' program delays;
- decreased demand for services in the freight and passenger rail industry;
- decreased demand for our products and services;
- orders either being delayed, canceled, not returning to historical levels, or being reduced, and/or economic conditions affecting the ability of our customers to pay timely for goods and services delivered;
- consolidations in the rail industry;
- continued outsourcing by our customers;
- industry demand for faster and more efficient braking equipment;
- fluctuations in interest rates and foreign currency exchange rates;
- availability of credit or difficulty in obtaining debt or equity financing;
- changes in market consensus as to what attributes are required for projects to be considered "green" or "sustainable" or negative perceptions regarding determinations in such regard with respect to our Green Finance Framework or ESG strategy; or
- changes in the ESG topics that have the highest relative priority for Wabtec's external stakeholders;

Operating factors

- supply disruptions;
- technical difficulties;
- changes in operating conditions and costs;
- increases in raw material costs;
- challenges associated with the successful introduction of new products;
- product safety, quality and reliability;
- performance under material long-term contracts;
- labor availability constraints and labor relations challenges;
- the outcome of our existing or any future legal proceedings, including litigation involving our principal customers and any litigation with respect to environmental matters, asbestos-related matters, pension liabilities, warranties, product liabilities, competition and anti-trust matters or intellectual property claims;
- our ability to successfully complete and integrate acquisitions;
- risks associated with the development and use of new technology; or

- cybersecurity and data protection risks;

Competitive factors

- the actions of competitors; or
- adverse outcomes of negotiations with partners, suppliers, customers or others;

Political/governmental factors

- political instability in relevant areas of the world, including the impacts of war, conflicts, global military action, and acts of terrorism;
- future regulation/deregulation of our customers and/or the rail industry;
- decreases in levels of governmental funding on transit projects, including for some of our customers;
- political developments and laws and regulations, including those related to Positive Train Control;
- consequences of federal and state income tax legislation;
- sanctions imposed on countries and persons; or
- the outcome of negotiations with governments;

Natural hazards / health crises

- impacts of climate change, including evolving climate change policy;
- disruptive natural hazards, including earthquakes, fires, floods, tornadoes, hurricanes or weather conditions;
- epidemics, pandemics, or similar public health crises;
- deterioration of general economic conditions as a result of natural hazards or health crises;
- shutdown of one or more of our operating facilities as a result of natural hazards and health crises; or
- supply chain and sourcing disruptions as a result of natural hazards and health crises;

Statements in this Form 10-K apply only as of the date on which such statements are made, and except as required by law, we undertake no obligation to update any statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events.

Critical Accounting Estimates

The preparation of the financial statements in accordance with generally accepted accounting principles requires management to make judgments, estimates and assumptions regarding uncertainties that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities and the reported amounts of revenues and expenses. Critical areas of uncertainty that require judgments, estimates and assumptions include the accounting for allowance for doubtful accounts, inventories, business combinations, goodwill and indefinite-lived intangible assets, warranty reserves, income taxes, and revenue recognition. Management uses historical experience and all available information to make these judgments and estimates, and actual results may differ from those estimates and assumptions that are used to prepare the Company's financial statements at any given time. Despite these inherent limitations, management believes that Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) and the financial statements and related footnotes provide a meaningful and fair perspective of the Company.

A summary of the Company's significant accounting policies is included in Note 2 in the "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report. Management believes that the application of these policies on a consistent basis enables the Company to provide the users of the financial statements with useful and reliable information about the Company's operating results and financial condition.

Accounts Receivable and Allowance for Doubtful Accounts:

Description The Company provides an allowance for doubtful accounts to cover anticipated losses on uncollectible accounts receivable.

Judgments and Uncertainties The allowance for doubtful accounts receivable reflects our best estimate of expected losses inherent in our receivable portfolio determined on the basis of historical experience, relevant credit forecast information, changes to customer's solvency and other currently available evidence.

Effect if Actual Results Differ From Assumptions If our estimates regarding the collectability of troubled accounts, and/or our actual losses within our receivable portfolio exceed our estimated losses, we may be exposed to the expense of increasing our allowance for doubtful accounts and loss of cash flows.

Inventories:

Description Inventories are stated at the lower of cost or net realizable value and are reviewed to ensure that an adequate provision is recognized for excess, slow moving and obsolete inventories, and net realizable value reserves.

Judgments and Uncertainties Cost is determined primarily using the first-in, first-out (FIFO) method. Inventory costs include material, labor and overhead. The Company compares inventory components to prior year sales history, current backlog and

anticipated future requirements. To the extent that inventory parts exceed estimated usage and demand, a reserve is recognized to reduce the carrying value of inventory. Also, specific reserves are established for known inventory obsolescence, a decline in market value, or loss of a customer with specific inventory.

Effect if Actual Results Differ From Assumptions If the market value or demand for our products were to decrease due to changing market conditions, the Company could be at risk of incurring write-downs to adjust inventory value to a net realizable value lower than stated cost. If our estimates regarding sales and backlog requirements are inaccurate, we may be exposed to the expense of increasing our reserves for slow moving and obsolete inventory.

Business Combinations:

Description The Company accounts for business acquisitions in accordance with Accounting Standard Codification ("ASC") 805, *Business Combinations*, which requires the purchase price of the acquired business to be allocated to tangible and intangible assets acquired and liabilities assumed based on the respective fair values. The amount of purchase price which is in excess of the fair values of assets acquired and liabilities assumed is recognized as goodwill.

Judgments and Uncertainties Discounted cash flow models are used to estimate the fair values of acquired intangible assets such as contract backlog, customer relationships, intellectual property, and trade names. The significant assumptions used to estimate the value of the intangible assets include revenue growth rates, projected profit margins, discount rates, royalty rates, customer attrition rates, revenue obsolescence rates and market participant profit margins. These significant assumptions are forward-looking and could be affected by future economic and market conditions.

Effect if Actual Results Differ From Assumptions Different assumptions may result in materially different values for assets acquired and liabilities assumed, which may impact the Company's financial position and future results of operations, including potential future impairment charges.

Goodwill and Indefinite-Lived Intangible Assets:

Description Goodwill represents the excess of cost over the fair value of the net assets acquired in a business combination. Indefinite-lived intangible assets primarily represent certain trade names acquired in a business combination that were determined to have indefinite useful lives. Goodwill and indefinite-lived intangibles are required to be tested for impairment at least annually. The Company performs its annual impairment tests during the fourth quarter and more frequently when indicators of impairment are present. The Company reviews goodwill for impairment at the reporting unit level. The Company has identified three reporting units for purposes of testing goodwill for impairment. Two reporting units exist within the Freight segment and the Transit segment is also a reporting unit. The evaluation of impairment involves comparing the current fair value of the business to the recorded value including goodwill.

Judgments and Uncertainties A number of significant assumptions and estimates are involved in the application of the impairment test, including the identification of macroeconomic conditions, industry and market considerations, cost factors, and overall financial performance. We also consider Wabtec-specific events and share price trends and making the assessment on whether each relevant factor will impact the impairment test positively or negatively and the magnitude of any such amount.

Effect if Actual Results Differ From Assumptions Management considers historical experience and all available information at the time the fair values of its reporting units are estimated. However, actual amounts realized may differ from those used to evaluate the impairment of goodwill and indefinite lived intangible assets. If actual results are not consistent with our assumptions and judgments used in estimating future cash flows and asset fair values, we may be exposed to impairment losses that could be material to our results of operations.

Warranty Reserves:

Description The Company provides warranty reserves to cover expected costs from repairing or replacing products with durability, quality or workmanship issues occurring during established warranty periods.

Judgments and Uncertainties In general, reserves are provided for as a percentage of sales, based on historical experience. In addition, specific reserves are established for known warranty issues and their estimable losses.

Effect if Actual Results Differ From Assumptions If actual results are not consistent with the assumptions and judgments used to calculate our warranty liability, the Company may be exposed to the expense of increasing our reserves for warranty expense.

Income Taxes:

Description Wabtec records an estimated liability for income and other taxes based on what it determines will likely be paid in various tax jurisdictions in which it operates in accordance with ASC 740-10 *Accounting for Income Taxes and Accounting for Uncertainty in Income Taxes*.

Judgments and Uncertainties The estimate of our tax obligations are uncertain because management must use judgment to estimate the exposures associated with our various filing positions, as well as realization of our deferred tax assets. ASC 740-10

establishes a recognition and measurement threshold to determine the amount of tax benefit that should be recognized related to uncertain tax positions.

Effect if Actual Results Differ From Assumptions Management uses its best judgment in the determination of these amounts. However, the liabilities ultimately realized and paid are dependent on various matters including the resolution of the tax audits in the various affected tax jurisdictions and may differ from the amounts recorded. An adjustment to the estimated liability would be recorded through income in the period in which new information changes the expected outcome of an uncertain tax position. A deferred tax valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax assets will not be realized.

Revenue Recognition:

Description Revenue is recognized in accordance with ASC 606 *Revenue from Contracts with Customers*. The Company recognizes a portion of its revenues on long-term customer agreements involving the design and production of highly engineered products that require revenue to be recognized over time because these products have no alternative use without significant economic loss and the agreements contain an enforceable right to payment including a reasonable profit margin from the customer in the event of contract termination. Generally, the Company uses an input method for determining the amount of revenue, cost and gross margin to recognize over time for these customer agreements. The input method used for these agreements recognizes revenue based on our efforts to satisfy the performance obligation and includes costs of material and labor, both of which give an accurate representation of the progress made toward complete satisfaction of a particular performance obligation. The Company may also use the output method which recognizes revenue based on direct measurements of the value transferred to the customer.

Judgments and Uncertainties Accounting for long-term customer agreements involves a judgmental process of estimating the total sales and costs for each contract, which results in the development of estimated profit margin percentages. Contract estimates related to long-term projects are based on various assumptions to project the outcome of future events that could span several years. These assumptions include cost of materials, labor availability and productivity, complexity of the work to be performed, and the performance of suppliers, customers and subcontractors that may be associated with the contract. Factors that influence these estimates include inflationary trends, foreign exchange rates, technical and schedule risk, internal and subcontractor performance trends, business volume assumptions, asset utilization, and anticipated labor agreements. Generally, pricing is defined in our contracts but may include an estimate of variable consideration when required by the terms of the individual customer contract. Types of variable consideration that the Company typically has include volume discounts, prompt payment discounts, price escalation clauses, liquidating damages, and performance bonuses.

Effect if Actual Results Differ From Assumptions Should market conditions and customer demands dictate changes to our standard shipping terms, the Company may be impacted by longer than typical revenue recognition cycles. The development of expected contract costs and contract profit margin percentages involves procedures and personnel in all areas that provide financial or production information on the status of contracts. Due to the significance of judgments in the estimation process, it is likely that materially different revenue and cost amounts could be recorded if we used different assumptions or if the underlying circumstances were to change. Changes in underlying assumptions/estimates, inflation or deflation, foreign currency exchange rates, supplier performance, or other circumstances may adversely or positively affect financial performance in future periods. Some of our contracts are expected to be completed in a loss position. Provisions are made currently for estimated losses on uncompleted contracts and are updated as necessary.

Item 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

All market risk sensitive instruments were entered into for non-trading purposes.

Interest Rate Risk

In the ordinary course of business, Wabtec is exposed to risks that increases in interest rates may adversely affect funding costs associated with its available variable-rate debt facilities. At December 31, 2024, the Company's interest risk related to variable-rate debt is limited to the amounts borrowed under the 2022 and 2024 Credit Agreements, which was limited to the amounts borrowed under the Delayed Draw Term Loan and the Term Loan. At December 31, 2023, the Company's outstanding variable rate debt was limited to the amount borrowed under the Delayed Draw Term Loan.

Foreign Currency Exchange Rate Risk

The Company is exposed to certain risks associated with changes in foreign currency exchange rates to the extent our operations are conducted in currencies other than the U.S. dollar. To reduce the impact of changes in currency exchange rates, the Company has periodically entered into foreign currency forward contracts. Refer to "Summary of Significant Accounting Policies" in Note 2, "Fair Value Measurement and Derivative Instruments" in Note 17 and "Segment Information" in Note 19 of "Notes to Consolidated Financial Statements" included in Part II, Item 8 of this report for more information regarding foreign currency exchange risk and sales by geographic area.

MANAGEMENT'S REPORTS TO WABTEC SHAREHOLDERS**Management's Report on Financial Statements and Practices**

The accompanying consolidated financial statements of Westinghouse Air Brake Technologies Corporation and subsidiaries (the "Company") were prepared by Management, which is responsible for their integrity and objectivity. The statements were prepared in accordance with U.S. generally accepted accounting principles and include amounts that are based on Management's best judgments and estimates. The other financial information included in the Form 10-K is consistent with that in the financial statements.

Management also recognizes its responsibility for conducting the Company's affairs according to the highest standards of personal and corporate conduct. This responsibility is characterized and reflected in key policy statements issued from time to time regarding, among other things, conduct of its business activities within the laws of host countries in which the Company operates and potentially conflicting outside business interests of its employees. The Company maintains a systematic program to assess compliance with these policies.

Management's Report on Internal Control over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting for the Company. In order to evaluate the effectiveness of internal control over financial reporting, as required by Section 404 of the Sarbanes-Oxley Act, Management has conducted an assessment, including testing, using the criteria in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework) (COSO). The Company's system of internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

During 2024, the Company completed the acquisitions of Tehnika Pty. Ltd., Fanox Electronic, S.L., Kompozitum s.r.o., and Bloom Engineering Holdings, Inc. Management is currently integrating the acquisitions into its operations, compliance programs and internal control processes and as such, has excluded the acquisitions from its assessment of internal controls over financial reporting as of December 31, 2024. The acquisitions are all subsidiaries whose combined total assets represent 1.3% and combined net sales represent 0.1% of the related consolidated financial statement amounts as of and for the year ended December 31, 2024.

Based on its assessment, Management has concluded that the Company maintained effective internal control over financial reporting as of December 31, 2024, based on criteria in Internal Control-Integrated Framework issued by the COSO. The effectiveness of the Company's internal control over financial reporting as of December 31, 2024, has been audited by Ernst & Young LLP, independent registered public accounting firm, as stated in their report which is included herein.

Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of Westinghouse Air Brake Technologies Corporation

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Westinghouse Air Brake Technologies Corporation (the Company) as of December 31, 2024 and 2023, the related consolidated statements of income, comprehensive income, cash flows and shareholders' equity for each of the three years in the period ended December 31, 2024, and the related notes and financial statement schedule listed in the Index at Item 15(2) (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2024 and 2023, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2024, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework), and our report dated February 12, 2025 expressed an unqualified opinion thereon.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current period audit of the financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Over Time Revenue Recognition for Long-Term Contracts

Description of the Matter

As described in Note 2 to the consolidated financial statements, the Company has long-term customer arrangements involving the design and production of highly engineered products that require revenue to be recognized over time. The Company uses input-based measures for determining the amount of revenue, cost, and gross margin to recognize over time for these customer arrangements. The input methods used for these arrangements include costs of material and labor. During the year ended December 31, 2024, a material amount of the Company's total revenues were derived from performance obligations that are satisfied over time.

Auditing the Company's measurement of revenue recognized over time on long-term contracts is especially challenging because it involves subjective management assumptions regarding the estimated remaining costs of the long-term contracts that could span several years. These assumptions could be impacted by the future cost of materials, labor availability and productivity, complexity of the work to be performed, and the performance of suppliers, customers and subcontractors that may be associated with the contracts and may be affected by future market or economic conditions.

How We Addressed the Matter in Our Audit

We obtained an understanding, evaluated the design, and tested the operating effectiveness of controls over the Company's process to recognize revenue over time on long-term contracts, including controls over management's review of the significant underlying assumptions described above.

Our audit procedures also included, among others, evaluating the significant assumptions and the accuracy and completeness of the underlying data used in management's calculations. This included, for example, inspection of the executed contracts and testing management's cost estimates by comparing the inputs to the Company's historical data or experience for similar contracts, the performance of sensitivity analysis and the performance of retrospective review analysis of prior management cost estimates to actual costs incurred for completed contracts. In addition, for certain contracts, we involved our internal valuation specialists to assist in our evaluation of management's cost estimates at completion.

/s/ Ernst & Young LLP

We have served as the Company's auditor since 2002.

Pittsburgh, Pennsylvania

February 12, 2025

Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of Westinghouse Air Brake Technologies Corporation

Opinion on Internal Control Over Financial Reporting

We have audited Westinghouse Air Brake Technologies Corporation's internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, Westinghouse Air Brake Technologies Corporation (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2024, based on the COSO criteria.

As indicated in the accompanying Management's Report on Internal Control over Financial Reporting, management's assessment of and conclusion on the effectiveness of internal control over financial reporting did not include the internal controls of Tehnika Pty Ltd Australia, Fanox Electronic, S.L., Kompozitum s.r.o, and Bloom Engineering Holdings, Inc., which are included in the 2024 consolidated financial statements of the Company and constituted 1.3% of total assets as of December 31, 2024 and 0.1% of net sales, for the year then ended. Our audit of internal control over financial reporting of the Company also did not include an evaluation of the internal control over financial reporting of Tehnika Pty Ltd Australia, Fanox Electronic, S.L., Kompozitum s.r.o, and Bloom Engineering Holdings, Inc.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of the Company as of December 31, 2024 and 2023, the related consolidated statements of income, comprehensive income, cash flows and shareholders' equity for each of the three years in the period ended December 31, 2024, and the related notes and financial statement schedule listed in the Index at Item 15(2) and our report dated February 12, 2025 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ Ernst & Young LLP

Pittsburgh, Pennsylvania

February 12, 2025

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
CONSOLIDATED BALANCE SHEETS

	December 31,	
<i>In millions, except par value</i>	2024	2023
Assets		
Cash, cash equivalents and restricted cash	\$ 715	\$ 620
Accounts receivable	1,152	1,160
Unbilled accounts receivable	550	524
Inventories, net	2,314	2,284
Other current assets	212	267
Total current assets	4,943	4,855
Property, plant and equipment, net	1,447	1,485
Goodwill	8,710	8,780
Other intangible assets, net	2,934	3,205
Other noncurrent assets	668	663
Total noncurrent assets	13,759	14,133
Total Assets	<u><u>\$ 18,702</u></u>	<u><u>\$ 18,988</u></u>
Liabilities and Shareholders' Equity		
Liabilities		
Accounts payable	\$ 1,300	\$ 1,250
Customer deposits	693	804
Accrued compensation	425	341
Accrued warranty	248	220
Current portion of long-term debt	500	781
Other accrued liabilities	626	660
Total current liabilities	3,792	4,056
Long-term debt	3,480	3,288
Accrued postretirement and pension benefits	58	62
Deferred income taxes	376	318
Other long-term liabilities	863	740
Total Liabilities	8,569	8,464
Commitments and contingencies (Note 18)		
Equity		
Common stock, \$.01 par value; 500.0 shares authorized and 226.9 shares issued; 171.3 and 177.8 shares outstanding at December 31, 2024 and 2023, respectively	2	2
Additional paid-in capital	8,023	7,977
Treasury stock, at cost, 55.6 and 49.1 shares, at December 31, 2024 and 2023, respectively	(3,273)	(2,171)
Retained earnings	6,185	5,269
Accumulated other comprehensive loss	(846)	(590)
Total Westinghouse Air Brake Technologies Corporation shareholders' equity	10,091	10,487
Noncontrolling interest	42	37
Total Equity	10,133	10,524
Total Liabilities and Equity	<u><u>\$ 18,702</u></u>	<u><u>\$ 18,988</u></u>

The accompanying notes are an integral part of these statements.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
CONSOLIDATED STATEMENTS OF INCOME

	Year Ended December 31,		
	2024	2023	2022
<u>In millions, except per share data</u>			
Net sales:			
Sales of goods	\$ 8,434	\$ 7,647	\$ 6,459
Sales of services	1,953	2,030	1,903
Total net sales	10,387	9,677	8,362
Cost of sales:			
Cost of goods	(5,918)	(5,581)	(4,791)
Cost of services	(1,103)	(1,152)	(1,031)
Total cost of sales	(7,021)	(6,733)	(5,822)
Gross profit	3,366	2,944	2,540
Operating expenses:			
Selling, general and administrative expenses	(1,248)	(1,139)	(1,029)
Engineering expenses	(206)	(218)	(209)
Amortization expense	(303)	(321)	(291)
Total operating expenses	(1,757)	(1,678)	(1,529)
Income from operations	1,609	1,266	1,011
Other income and expenses:			
Interest expense, net	(201)	(218)	(186)
Other income, net	2	44	29
Income before income taxes	1,410	1,092	854
Income tax expense	(343)	(267)	(213)
Net income	1,067	825	641
Less: Net income attributable to noncontrolling interest	(11)	(10)	(8)
Net income attributable to Wabtec shareholders	<u>\$ 1,056</u>	<u>\$ 815</u>	<u>\$ 633</u>
<u>Earnings Per Common Share</u>			
Basic			
Net income attributable to Wabtec shareholders	<u>\$ 6.05</u>	<u>\$ 4.54</u>	<u>\$ 3.46</u>
Diluted			
Net income attributable to Wabtec shareholders	<u>\$ 6.04</u>	<u>\$ 4.53</u>	<u>\$ 3.46</u>
Weighted average shares outstanding			
Basic	174.1	178.8	182.2
Diluted	174.8	179.5	182.8

The accompanying notes are an integral part of these statements.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

	Year Ended December 31,		
	2024	2023	2022
<u>In millions</u>			
Net income attributable to Wabtec shareholders	\$ 1,056	\$ 815	\$ 633
Foreign currency translation (loss) gain	(277)	55	(200)
Unrealized gain (loss) on derivative contracts	14	22	(5)
Unrealized gain on pension benefit plans and post-retirement benefit plans	14	—	11
Other comprehensive (loss) income before tax	(249)	77	(194)
Income tax expense related to components of other comprehensive (loss) income	(7)	(6)	(1)
Other comprehensive (loss) income, net of tax	(256)	71	(195)
Comprehensive income attributable to Wabtec shareholders	<u>\$ 800</u>	<u>\$ 886</u>	<u>\$ 438</u>

The accompanying notes are an integral part of these statements.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
CONSOLIDATED STATEMENTS OF CASH FLOWS

	December 31,		
	2024	2023	2022
<u>In millions</u>			
Operating Activities			
Net income	\$ 1,067	\$ 825	\$ 641
Adjustments to reconcile net income to net cash provided by operations:			
Depreciation and amortization	503	531	479
Stock-based compensation expense	66	47	41
Below market intangible amortization	(44)	(54)	(53)
Deferred income taxes	51	(58)	36
Net loss on disposal of property, plant and equipment	4	7	3
Changes in operating assets and liabilities, net of acquisitions and dispositions:			
Accounts receivable and unbilled accounts receivable	(34)	(195)	(52)
Inventories	(117)	(58)	(368)
Accounts payable	70	(58)	306
Accrued income taxes	21	1	7
Current and noncurrent customer deposits	113	116	142
Other accrued liabilities	124	57	(36)
Other operating activities	10	40	(108)
Net cash provided by operating activities	<u>1,834</u>	<u>1,201</u>	<u>1,038</u>
Investing Activities			
Purchase of property, plant and equipment	(207)	(186)	(149)
Acquisitions of businesses, net of cash acquired	(168)	(308)	(89)
Proceeds from dispositions of businesses, net of cash disposed	19	—	—
Proceeds from disposal of property, plant and equipment	13	2	3
Net cash used for investing activities	<u>(343)</u>	<u>(492)</u>	<u>(235)</u>
Financing Activities			
Proceeds from debt, net of issuance costs	2,258	5,563	6,087
Payments of debt	(2,322)	(5,521)	(6,117)
Repurchase of stock	(1,097)	(409)	(473)
Cash dividends	(140)	(123)	(111)
Payment of contingent consideration on acquisitions	(42)	(112)	(101)
Payment of income tax withholding on share-based compensation	(25)	(16)	(7)
Distribution to noncontrolling interest	(6)	(17)	—
Other financing activities	3	2	14
Net cash used for financing activities	<u>(1,371)</u>	<u>(633)</u>	<u>(708)</u>
Effect of changes in currency exchange rates	<u>(25)</u>	<u>3</u>	<u>(27)</u>
Increase in cash	95	79	68
Cash, cash equivalents and restricted cash, beginning of year	620	541	473
Cash, cash equivalents and restricted cash, end of year	<u>\$ 715</u>	<u>\$ 620</u>	<u>\$ 541</u>

The accompanying notes are an integral part of these statements.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY

<i>In millions</i>	Common Stock Shares	Common			Treasury			Accumulated		Non- controlling Interest	Total
		Stock Amount	Additional Paid-in Capital	Treasury Stock Shares	Stock Amount	Retained Earnings	Other Comprehensive Loss				
Balance, December 31, 2021	226.9	\$ 2	\$ 7,916	(41.1)	\$ (1,306)	\$ 4,055	\$ (466)	\$ 38	\$ 10,239		
Cash dividends (\$ 0.60 dividend per share)	—	—	—	—	—	(111)	—	—	—	(111)	
Proceeds from treasury stock issued from the exercise of stock options and other benefit plans, net of tax	—	—	(4)	0.4	10	—	—	—	—	6	
Stock based compensation	—	—	41	—	—	—	—	—	—	41	
Net income	—	—	—	—	—	633	—	8	641		
Other comprehensive loss, net of tax	—	—	—	—	—	—	(195)	—	—	(195)	
Stock repurchase	—	—	—	(5.0)	(473)	—	—	—	—	(473)	
Other	—	—	—	—	—	—	—	(1)	(1)	(1)	
Balance, December 31, 2022	226.9	\$ 2	\$ 7,953	(45.7)	\$ (1,769)	\$ 4,577	\$ (661)	\$ 45	\$ 10,147		
Cash dividends (\$ 0.68 dividend per share)	—	—	—	—	—	(123)	—	—	—	(123)	
Proceeds from treasury stock issued from the exercise of stock options and other benefit plans, net of tax	—	—	(23)	0.5	10	—	—	—	—	(13)	
Stock based compensation	—	—	47	—	—	—	—	—	—	47	
Net income	—	—	—	—	—	815	—	10	825		
Other comprehensive income, net of tax	—	—	—	—	—	—	71	—	—	71	
Stock repurchase	—	—	—	(3.9)	(412)	—	—	—	—	(412)	
Distribution to noncontrolling interest	—	—	—	—	—	—	—	(17)	(17)	(17)	
Other	—	—	—	—	—	—	—	(1)	(1)	(1)	
Balance, December 31, 2023	226.9	\$ 2	\$ 7,977	(49.1)	\$ (2,171)	\$ 5,269	\$ (590)	\$ 37	\$ 10,524		
Cash dividends (\$ 0.80 dividend per share)	—	—	—	—	—	(140)	—	—	—	(140)	
Proceeds from treasury stock issued from the exercise of stock options and other benefit plans, net of tax	—	—	(20)	0.4	5	—	—	—	—	(15)	
Stock based compensation	—	—	66	—	—	—	—	—	—	66	
Net income	—	—	—	—	—	1,056	—	11	1,067		
Other comprehensive loss, net of tax	—	—	—	—	—	—	(256)	—	—	(256)	
Stock repurchase	—	—	—	(6.9)	(1,107)	—	—	—	—	(1,107)	
Distribution to noncontrolling interest	—	—	—	—	—	—	—	(6)	(6)	(6)	
Balance, December 31, 2024	226.9	\$ 2	\$ 8,023	(55.6)	\$ (3,273)	\$ 6,185	\$ (846)	\$ 42	\$ 10,133		

The accompanying notes are an integral part of these statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. BUSINESS

Wabtec is a global provider of value-added, technology-based locomotives, equipment, systems, and services for the freight rail and passenger transit industries as well as the mining, marine and industrial markets. Our highly engineered products, which are intended to enhance safety, improve productivity and reduce maintenance costs for customers, can be found on most locomotives, freight cars, passenger transit cars and buses around the world. Our core products and services are essential in the safe and efficient operation of freight rail and passenger transit vehicles. Wabtec is a global company with operations in over 50 countries and our products can be found in more than 100 countries throughout the world. In 2024, approximately 53 % of the Company's net sales came from customers outside the United States.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Principles of Consolidation The consolidated financial statements include the accounts of the Company and all subsidiaries that it controls. For consolidated subsidiaries in which the Company's ownership is less than 100%, the outside shareholders' interests are shown as noncontrolling interests. These statements have been prepared in accordance with U.S. generally accepted accounting principles. Sales between subsidiaries are eliminated in consolidation.

Cash Equivalents and Restricted Cash Cash equivalents are highly liquid investments purchased with an original maturity of three months or less. Restricted cash includes cash held in escrow that is restricted as to withdrawal or usage.

Allowance for Doubtful Accounts The allowance for doubtful accounts receivable reflects our best estimate of expected losses inherent in our receivable portfolio determined on the basis of historical experience, relevant credit forecast information, changes to customer's solvency, and other currently available evidence. The allowance for doubtful accounts was \$ 36 million and \$ 31 million as of December 31, 2024 and 2023, respectively.

Inventories Inventories are stated at the lower of cost or net realizable value. Cost is predominantly determined under the first-in, first-out (FIFO) method. Inventory costs include material, labor and overhead.

Property, Plant and Equipment Property, plant and equipment additions are stated at cost. Expenditures for renewals and improvements are capitalized. Expenditures for ordinary maintenance and repairs are expensed as incurred. The Company computes book depreciation principally on the straight-line method. Accelerated depreciation methods are utilized for income tax purposes.

Leasing Arrangements The Company conducts a portion of its operations from leased facilities and finances certain equipment purchases through lease agreements. In those cases in which the lease term approximates the useful life of the leased asset or the lease meets certain other prerequisites, the leasing arrangement is classified as a financing lease. The remaining arrangements are treated as operating leases. Right-of-use lease assets are classified as long-term assets under the caption "Other noncurrent assets" and lease liabilities are classified under the captions "Other accrued liabilities" and "Other long-term liabilities" on the Consolidated Balance Sheets.

Goodwill and Intangible Assets Goodwill and other intangible assets with indefinite lives are not amortized. Other intangibles with definite lives are amortized on a straight-line basis over their estimated economic lives. Amortizable intangible assets are reviewed for impairment when indicators of impairment are present. The Company tests goodwill and indefinite-lived intangible assets for impairment at the reporting unit level and at least annually. The Company performs its annual impairment test during the fourth quarter after the annual forecasting process is completed, and also tests for impairment whenever events or changes in circumstances indicate that the carrying value may not be recoverable. The Company will perform either a qualitative or quantitative test for goodwill and indefinite-lived intangible assets, performing a quantitative test for each identified reporting unit in goodwill at least every three years. Periodically, Management of the Company assesses whether or not an indicator of impairment is present that would necessitate an impairment analysis be performed.

Equity Method Investments The Company invests in privately-held companies which are accounted for using the equity method when the Company has the ability to exercise significant influence, but not control, over the investee. Equity method investments are included in "Other noncurrent assets" on the Consolidated Balance Sheets and were \$ 39 million and \$ 36 million at December 31, 2024 and 2023, respectively.

Depreciation Expense Depreciation of property, plant and equipment related to the manufacturing of products or services provided is included in Cost of goods or Cost of services. Depreciation of other property, plant and equipment that is not attributable to the manufacturing of products or services provided is included in Selling, general and administrative expenses or Engineering expense to the extent the property, plant, and equipment is used for research and development purposes.

Warranty Costs Warranty costs are accrued based on management's estimates of repair or upgrade costs per unit and historical experience.

Income Taxes Income taxes are accounted for under the liability method. Deferred tax assets and liabilities are determined based on differences between financial reporting and tax basis of assets and liabilities and are measured using the enacted tax rates and laws. The provision for income taxes includes federal, state and foreign income taxes.

Stock-Based Compensation The Company recognizes compensation expense for stock-based compensation based on the grant date fair value recognized ratably over the requisite service period following the date of grant. Compensation expense for incentive stock units is updated as necessary if the number of units expected to vest changes based on the Company's performance.

Financial Derivatives and Hedging Activities In the normal course of business, the Company is exposed to market risks related to interest rates, commodity prices and foreign currency exchange rate fluctuations. At times, the Company limits these risks through the use of derivatives such as cross-currency swaps, foreign currency forward contracts, interest rate hedges, commodity swaps and options. In accordance with the Company's policy, derivatives are only used for hedging purposes. The Company does not use derivatives for trading or speculative purposes. Foreign currency forward contracts are agreements with a counterparty to exchange two distinct currencies at a set exchange rate for delivery on a set date at some point in the future. At the delivery date, the Company can either take delivery of the currency or settle on a net basis. For further information regarding the foreign currency forward contracts see Note 17.

Foreign Currency Translation Certain of our international operations have determined that the local currency is the functional currency whereas others have determined the U.S. dollar is their functional currency. Assets and liabilities of foreign subsidiaries where the functional currency is the local currency are translated at the rate of exchange in effect on the balance sheet date while income and expenses are translated at the average rates of exchange prevailing during the period. Foreign currency gains and losses resulting from transactions and the translation of financial statements are recorded in the Company's consolidated financial statements based upon the provisions of ASC 830 "Foreign Currency Matters." The effects of currency exchange rate changes on intercompany transactions and balances of a long-term investment nature are accumulated and carried as a component of Accumulated other comprehensive loss. The effects of currency exchange rate changes on transactions that are denominated in a currency other than an entity's functional currency are charged or credited to earnings. Realized gains and losses related to foreign currency exchange are recognized in Other income, net on the Consolidated Statements of Income.

Noncontrolling Interests In accordance with ASC 810, the Company has classified noncontrolling interests as equity on our Consolidated Balance Sheets. Net income attributable to noncontrolling interests was not material for the years ended December 31, 2024, 2023 and 2022.

Revenue Recognition The Company accounts for Revenue under ASC 606 *Revenue from Contracts with Customers*. This guidance provides a five-step analysis of transactions to determine when and how revenue is recognized and requires entities to recognize revenue at an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring goods or services to a customer.

A majority of the Company's revenues are derived from performance obligations that are satisfied at a point in time when control passes to the customer which is generally at the time of shipment in accordance with agreed upon delivery terms. The remaining revenues are earned over time. All fees billed to the customer for shipping and handling are classified as a component of Net sales. All costs associated with shipping and handling are classified as a component of Cost of sales.

The Company also has long-term customer agreements involving the design and production of highly engineered products that require revenue to be recognized over time because these products have no alternative use without significant economic loss, and the agreements contain an enforceable right to payment including a reasonable profit margin from the customer in the event of contract termination. Additionally, the Company has customer agreements involving the creation or enhancement of an asset that the customer controls which also require revenue to be recognized over time. Generally, the Company uses an input method for determining the amount of revenue, cost and gross margin to recognize over time for these customer agreements. The input method used for these agreements recognizes revenue based on our efforts to satisfy the performance obligation and includes costs of material and labor, both of which give an accurate representation of the progress made toward complete satisfaction of a particular performance obligation. The Company may also use the output method which recognizes revenue based on direct measurements of the value transferred to the customer. Contract revenues and cost estimates are reviewed and revised periodically throughout the year and adjustments are reflected in the accounting period as such amounts are determined. Additional information with respect to contract assets and liabilities is included in Note 8.

Due to the nature of work required to be performed on the Company's long-term projects, the estimation of total revenue and cost at completion is subject to many variables and requires significant judgment. Contract estimates related to long-term projects are based on various assumptions to project the outcome of future events that could span several years. These assumptions include cost of materials; labor availability and productivity; complexity of the work to be performed; and the performance of suppliers, customers and subcontractors that may be associated with the contract. We have a disciplined process where management reviews the progress of long term-projects periodically throughout the year. As part of this process, management reviews information including key contract matters, progress towards completion, identified risks and

opportunities and any other information that could impact the Company's estimates of revenue and costs. After completing this analysis, any adjustments to net sales, cost of goods sold, and the related impact to operating income are recognized as necessary in the period they become known.

Generally, the Company's revenue contains a single performance obligation for each distinct good or service; however, a single contract may have multiple performance obligations comprising multiple promises to customers. When there are multiple performance obligations, revenue is allocated based on the relative stand-alone selling price. Pricing is defined in our contracts on a line item basis and includes an estimate of variable consideration when required by the terms of the individual customer contract. Types of variable consideration the Company typically has include volume discounts, prompt payment discounts, price escalation clauses, liquidating damages, and performance bonuses. Sales returns and allowances are also estimated and recognized in the same period the related revenue is recognized, based upon the Company's experience and future expectations.

Remaining performance obligations represent the allocated transaction price of unsatisfied or partially unsatisfied performance obligations. As of December 31, 2024, the Company's remaining performance obligations were approximately \$ 22.3 billion. The Company expects to recognize revenue of approximately 34 % of remaining performance obligations over the next 12 months, with the remainder recognized thereafter.

Revolving Receivables Program The Company utilizes a revolving facility to sell up to \$ 350 million of certain receivables of the Company and certain of its subsidiaries (the "Originators"). The Originators contribute receivables to our bankruptcy-remote subsidiary, which sells the receivables to a financial institution on a recurring basis in exchange for cash equal to the gross receivables sold. The bankruptcy remote subsidiary is a separate legal entity with its own creditors, and its assets are not available to pay creditors of the Company or any other affiliates of the Company. As customers pay their balances, we transfer additional receivables into the program, which could result in our gross receivables sold being higher or lower than customer collections remitted to the financial institution for any applicable period. The sold receivables are fully guaranteed by our bankruptcy-remote subsidiary, which holds additional receivables that are pledged as collateral under this facility. The Company has agreed to guarantee the performance of the Originators respective obligations under the revolving agreement. Neither the Company (except for the bankruptcy-remote consolidated subsidiary referenced above) nor the Originators guarantees the collectability of the receivables under the revolving agreements.

At December 31, 2024, and 2023 the bankruptcy-remote subsidiary held receivables of \$ 693 million and \$ 674 million, respectively, which are included in the Company's Consolidated Balance Sheets. The receivables held by the bankruptcy-remote subsidiary collateralize the outstanding receivables sold, which was \$ 20 million at December 31, 2023. There were no receivables outstanding under the facility at December 31, 2024. The transfers are recorded at the fair value of the proceeds received and obligations assumed less derecognized receivables. No obligation was recorded at December 31, 2024 or 2023 as the estimated expected credit losses on receivables sold is insignificant. Our maximum exposure to losses related to these receivables transferred is limited to the amount outstanding.

The following table sets forth a summary of receivables sold and the resulting impact of net cash processed included in cash from operations:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
Gross receivables sold/cash proceeds received	\$ 926	\$ 2,617	\$ 1,761
Customer collections remitted to financial institution	(946)	(2,677)	(1,701)
Net cash proceeds (remitted) received included in cash from operations	\$ (20)	\$ (60)	\$ 60

During the fourth quarter of 2024, the revolving receivables program agreement was amended to allow us to request loans from the financial institution secured by the receivables held in the program, up to the \$ 350 million limit. As a result, effective January 1, 2025 proceeds and repayments of loans under the program will be classified as Financing activities on our statement of cash flows and outstanding balances will be classified as debt on our balance sheet.

Pre-Production Costs Certain pre-production costs relating to long-term production and supply contracts have been deferred and will be recognized over the life of the contracts. Deferred pre-production costs were \$ 52 million and \$ 61 million at December 31, 2024 and 2023, respectively which are included in Other noncurrent assets on the Consolidated Balance Sheets.

Preferred Stock The Company's authorized capital stock includes 1,000,000 shares of preferred stock. The Board of Directors has the authority to issue the preferred stock and to fix the rights and preferences, which would be superior to those of the common stock. At December 31, 2024 and 2023 there was no preferred stock issued or outstanding.

Significant Customers and Concentrations of Credit Risk The Company's trade receivables are primarily from rail and transit industry original equipment manufacturers, Class I railroads, railroad carriers and commercial companies that utilize rail

cars in their operations, such as utility and chemical companies, as well as companies in the mining, marine and industrial markets. No one customer accounted for more than 10% of the Company's consolidated net sales in the periods presented.

Reclassifications Certain prior year amounts have been reclassified, where necessary, to conform to the current year presentation.

Use of Estimates The preparation of financial statements in conformity with generally accepted accounting principles in the United States requires the Company to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual amounts could differ materially from the estimates. On an ongoing basis, Management reviews its estimates based on currently available information. Changes in facts and circumstances may result in revised estimates.

Accounting Standards Recently Issued In December 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2023-09, *Income Taxes (Topic 740): Improvements to Income Tax Disclosures*. The amendments in this update require entities to disclose on an annual basis specific categories within the income tax rate reconciliation and provide additional information for reconciling items that meet a quantitative threshold. The amendments in this update also require enhanced disaggregation of disclosures about income taxes paid and income tax expense, among other changes. The amendments in this update do not affect the recognition, measurement, or financial statement presentation of income taxes and is effective for Wabtec's annual reporting periods beginning January 1, 2025. The amendments require increased annual disclosures on current and comparable reporting periods presented in annual company filings. The resulting new annual disclosure requirements will be reflected in our 2025 report on Form 10-K.

In November 2024, the FASB issued ASU 2024-03, *Income Statement—Reporting Comprehensive Income—Expense Disaggregation Disclosures (Subtopic 220-40)*:

Disaggregation of Income Statement Expenses. The amendments in this update require entities to disclose disaggregated information about certain costs and expenses in commonly presented income statement expense captions. The amendments will require increased interim and annual footnote disclosures either prospectively or retrospectively for reporting periods presented in interim and annual company filings. The amendments in this update do not affect the recognition, measurement, or financial statement presentation of income statement expenses and will be effective for Wabtec's annual reporting periods beginning January 1, 2027 and interim reporting periods beginning January 1, 2028. The Company is assessing the extent of the impact of the amendments on its future filings.

Accounting Standards Recently Adopted In November 2023, the FASB issued ASU 2023-07, *Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures*. The amendments in this update are intended to improve reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. In addition to the current requirements, the amendments specify additional information be provided about the chief operating decision maker ("CODM") as well as disaggregated expense categories, to the extent that the CODM utilizes such data in deciding how to allocate resources. The amendments in this update do not affect the recognition, measurement, or financial statement presentation of expenses, and were effective for Wabtec's annual reporting periods beginning January 1, 2024 and will be effective for interim reporting periods beginning January 1, 2025. The amendments require increased interim and annual disclosures on current and comparable reporting periods presented in annual and interim company filings. The new annual disclosure requirements are included in Note 19.

Supply Chain Financing Program The Company has entered into supply chain financing arrangements with third-party financial institutions to provide our vendors with enhanced payment options while providing the Company with added working capital flexibility. The Company does not provide any guarantees under these arrangements, does not have an economic interest in our suppliers' voluntary participation, does not receive an economic benefit from the financial institutions, and no assets are pledged under the arrangements. The arrangements do not change the payable terms negotiated by the Company and our vendors, which range between net 45 and net 180 days, and does not result in a change in the classification of amounts due as Accounts payable in the Consolidated Balance Sheets. Suppliers utilized the program to accelerate receipt of payment from these financial institutions for \$ 311 million and \$ 305 million of the Company's outstanding Accounts payable as of December 31, 2024 and 2023, respectively. The supplier invoices included under the program require payment in full to the financial institutions consistent with the Company's normal terms and conditions as agreed upon with the vendor.

The following table sets forth the changes in amounts due to financial institutions reflected in Accounts payable for the year ended December 31, 2024:

<i>In millions</i>	December 31, 2024
Obligations outstanding at the beginning of the year	\$ 305
Invoices confirmed during the year	723
Confirmed invoices paid during the year	(717)
Obligations outstanding at the end of the year	<u>\$ 311</u>

3. ACQUISITIONS

During 2024, the Company made four strategic acquisitions for a combined purchase price of approximately \$ 168 million, net of cash acquired. Two of the acquisitions are reported in the Transit Segment, one is reported in the Digital Intelligence product line of the Freight Segment and one is reported in the Components product line of the Freight Segment. Each of the acquisitions in 2024 are individually and collectively immaterial.

On December 22, 2023, the Company purchased the remaining ownership shares of Lokomotiv Kurastyru Zauyty (LKZ), a locomotive manufacturing and assembly company located in Kazakhstan, at which time it became a wholly owned subsidiary of the Company. Prior to this purchase, Wabtec owned 50 % of LKZ as a joint venture partner and accounted for its ownership interest as an equity method investment. Total purchase price for the remaining 50 % interest was \$ 111 million. As a result of the change in ownership interest and obtaining control of LKZ, Wabtec's previously held equity interest balance was remeasured to fair value, resulting in a gain of approximately \$ 35 million recorded to Other income, net. Upon acquisition, Wabtec ceased accounting for the investment using the equity method and recognized 100 % of LKZ's identifiable assets and liabilities, and LKZ's results of operations and cash flows are fully consolidated subsequent to the acquisition date.

The following table summarizes the fair value of 100 % of the LKZ assets acquired and liabilities assumed:

<i>In millions</i>	Assets acquired	Liabilities assumed
Cash and cash equivalents	\$ 30	
Accounts receivable	6	
Inventory	95	
Property, plant and equipment	36	
Goodwill	111	
Other noncurrent assets	3	
Total assets acquired	281	
Liabilities assumed		
Current liabilities	21	
Noncurrent liabilities	3	
Total liabilities assumed	24	
Net assets acquired	\$ 257	

The fair values of the assets acquired and liabilities assumed were determined using the income, cost and market approaches. Goodwill was calculated as the difference between the acquisition date fair value of the consideration transferred and the fair value of the net assets acquired and represents the assembled workforce and the future economic benefits of expanding our global operations expected to be achieved as a result of the acquisition. The purchased goodwill is not expected to be deductible for tax purposes. The results of this business since the date of acquisition are reported within the Equipment product line of the Freight Segment. The pro forma impact on Wabtec's sales and results of operations, including the pro forma effect of events that are directly attributable to the acquisition, was not significant.

During the second quarter of 2023, the Company acquired L&M Radiator, Inc., a leading manufacturer of heavy-duty equipment radiators and heat exchangers for the mining sector, for a purchase price of approximately \$ 245 million.

The following table summarizes the fair value of the L&M Radiator, Inc. assets acquired and liabilities assumed:

<i>In millions</i>		
Assets acquired		
Cash and cash equivalents	\$	16
Accounts receivable		20
Inventory		26
Other current assets		1
Property, plant and equipment		43
Goodwill		106
Other intangible assets		89
Other noncurrent assets		1
Total assets acquired		302
Liabilities assumed		
Current liabilities		16
Noncurrent liabilities		41
Total liabilities assumed		57
Net assets acquired	\$	245

The fair values of the assets acquired and liabilities assumed were determined using the income, cost and market approaches. Discounted cash flow models were used to estimate the fair values of acquired intangibles. The fair value measurements were primarily based on significant inputs that are not observable in the market and are considered Level 3 in the fair value hierarchy. Intangible assets acquired include customer relationships and acquired technology that are subject to amortization, and trade names that were assigned an indefinite life and are not subject to amortization.

Goodwill was calculated as the difference between the acquisition date fair value of the consideration transferred and the fair value of the net assets acquired, and represents the assembled workforce and the future economic benefits, including synergies, that are expected to be achieved as a result of the acquisition. The purchased goodwill is not expected to be deductible for tax purposes. The results of this business since the date of acquisition are reported within the Components product line of the Freight Segment. The pro forma impact on Wabtec's sales and results of operations, including the pro forma effect of events that are directly attributable to the acquisition, was not significant.

During 2022, the Freight Segment made three strategic acquisitions for a combined purchase price of \$ 89 million, net of cash acquired. Two of the acquisitions are reported in the Digital Intelligence product line and one is reported in the Services product line. Each of the acquisitions in 2022 are individually and collectively immaterial.

4. SUPPLEMENTAL CASH FLOW DISCLOSURES

	Year Ended December 31,		
	2024	2023	2022
<u>In millions</u>			
Interest paid during the year	\$ 181	\$ 210	\$ 179
Income taxes paid during the year, net of amounts refunded	\$ 237	\$ 233	\$ 157
Business acquisitions:			
Fair value of assets acquired	\$ 257	\$ 438	\$ 128
Fair value of liabilities assumed	63	82	38
Cash paid	194	356	90
Less: Cash acquired	(26)	(48)	(1)
Net cash paid	\$ 168	\$ 308	\$ 89

At December 31, 2024 and December 31, 2023, Wabtec had restricted cash of \$ 9 million and \$ 5 million, respectively, primarily from cash in escrow related to acquisitions.

5. INVENTORIES

The components of inventory, net of reserves, were:

	December 31,	
	2024	2023
<u>In millions</u>		
Raw materials	\$ 977	\$ 1,062
Work-in-progress	587	463
Finished goods	750	759
Total inventories	\$ 2,314	\$ 2,284

6. PROPERTY, PLANT & EQUIPMENT

The major classes of depreciable assets are as follows:

	December 31,	
	2024	2023
<u>In millions</u>		
Machinery and equipment	\$ 1,666	\$ 1,600
Buildings and improvements	810	838
Land and improvements	106	100
Construction in progress	171	137
Property, plant and equipment	2,753	2,675
Less: accumulated depreciation	(1,306)	(1,190)
Property, plant and equipment, net	\$ 1,447	\$ 1,485

The estimated useful lives of property, plant and equipment are as follows:

	Years
Land improvements	10 to 20
Building and improvements	15 to 40
Machinery and equipment	3 to 15

Depreciation expense was \$ 196 million, \$ 204 million, and \$ 182 million for 2024, 2023 and 2022, respectively.

7. GOODWILL AND INTANGIBLE ASSETS

Goodwill is reviewed annually during the fourth quarter for impairment. The Company has identified three reporting units for purposes of testing goodwill for impairment. Two reporting units exist within the Freight segment (the "Freight" and "Components" reporting units) and the Transit segment is also a reporting unit. In 2024, management elected to first assess qualitative factors to determine whether a quantitative goodwill impairment test is necessary for the Components and Freight reporting units. During the assessment, management evaluated all relevant events and facts that may impact the fair value or carrying value of the reporting units' goodwill and concluded that it was not more likely than not that the estimated fair values were less than the carrying values; therefore, no further analysis was required. For the Transit reporting unit, management elected to proceed directly to the quantitative impairment test. The discounted cash flow method and the market approach were used to estimate the fair value of the Transit reporting unit using a weighting of 75 % and 25 %, respectively. The discounted cash flow model requires several assumptions including future sales growth, EBIT (earnings before interest and taxes) margins, capital expenditures, a discount rate and a terminal revenue growth rate (the revenue growth rate for the period beyond the years forecasted by the reporting units) for the Transit reporting unit. The market approach requires several assumptions including EBITDA (earnings before interest, taxes, depreciation and amortization) multiples for comparable companies that operate in the same markets as the Company's reporting units. For 2024, the discounted cash flow method was given more weight compared to the market approach due to variables between the operations of the guideline companies used in the analysis and Wabtec's operations, such as different reporting unit sizes, growth and business characteristics. Each valuation resulted in a conclusion that the estimated fair value of the Transit reporting unit was in excess of its carrying value, and no impairment existed.

The change in the carrying amount of goodwill by segment is as follows:

<i>In millions</i>	Freight Segment	Transit Segment	Total
Balance at December 31, 2022	\$ 7,067	\$ 1,441	\$ 8,508
Additions	215	—	215
Disposals	(4)	—	(4)
Foreign currency impact	16	45	61
Balance at December 31, 2023	\$ 7,294	\$ 1,486	\$ 8,780
Additions	31	54	85
Disposals	(5)	(1)	(6)
Foreign currency impact	(72)	(77)	(149)
Balance at December 31, 2024	<u><u>\$ 7,248</u></u>	<u><u>\$ 1,462</u></u>	<u><u>\$ 8,710</u></u>

The Company's indefinite lived intangible assets are also reviewed annually during the fourth quarter for impairment. During 2024 and 2023, the Company proceeded directly to the quantitative impairment test for certain trade names with indefinite lives. Certain trade names that were associated with the Company's current restructuring actions were tested and considered impaired. As such, for the years ended December 31, 2024 and 2023, approximately \$ 6 million and \$ 14 million, respectively, of amortization expense was recorded in "Amortization expense" on the Consolidated Statements of Income, primarily related to the Company's Portfolio Optimization. For the remaining trade names subject to the quantitative impairment test, the fair value exceeded each respective carrying value, resulting in a conclusion that no additional impairment existed. For trade names not subject to quantitative testing, the Company elected to perform a qualitative impairment assessment, resulting in a conclusion that it was not more likely than not that the estimated fair values of the trade names were less than their carrying values; therefore, no further analysis was required. The assessment of qualitative factors used in determining whether it is more likely than not that the fair value of a trade name is less than its carrying amount involves significant judgments and assumptions. The judgment and assumptions include the identification of macroeconomic conditions, industry and market considerations, cost factors, overall financial performance, Wabtec specific events, share price trends and making the assessment on whether each relevant factor will impact the impairment test positively or negatively and the magnitude of any such impact.

As of December 31, 2024 and 2023, the Company's trade names had a net carrying amount of \$ 595 million and \$ 612 million, respectively, and the Company believes these intangibles have indefinite lives, with the exception of the right to use the GE Transportation trade name, to which the Company had an original useful life of 5 years and has been fully amortized.

Intangible assets of the Company, other than goodwill and trade names, that are considered definitive lived consist of the following:

<i>In millions</i>	December 31, 2024			December 31, 2023		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Backlog	\$ 1,415	\$ (629)	\$ 786	\$ 1,431	\$ (526)	\$ 905
Customer relationships	1,329	(480)	849	1,333	(431)	902
Acquired technology	1,318	(614)	704	1,283	(497)	786
Total	\$ 4,062	\$ (1,723)	\$ 2,339	\$ 4,047	\$ (1,454)	\$ 2,593

The remaining weighted average useful lives of backlog, customer relationships and acquired technology were 7 years, 14 years and 6 years, respectively. The backlog intangible asset primarily consists of in-place long-term service agreements acquired by the Company in conjunction with the acquisition of GE Transportation. Amortization expense for intangible assets was \$ 303 million, \$ 321 million, and \$ 291 million for the years ended December 31, 2024, 2023, and 2022, respectively.

Estimated amortization expense for the five succeeding years is as follows (in millions):

2025	\$ 277
2026	\$ 272
2027	\$ 267
2028	\$ 267
2029	\$ 266

8. CONTRACT ASSETS AND CONTRACT LIABILITIES

Contract assets include unbilled amounts resulting from sales under long-term contracts where revenue is recognized over time and revenue exceeds the amount that can be billed to the customer based on the terms of the contract. The current portion of the contract assets are classified as current assets under the caption "Unbilled accounts receivable" while the noncurrent contract assets are classified as other assets under the caption "Other noncurrent assets" on the Consolidated Balance Sheets. Noncurrent contract assets were \$ 170 million and \$ 154 million at December 31, 2024 and 2023, respectively. Included in noncurrent contract assets are certain costs that are specifically related to a contract but do not directly contribute to the transfer of control of the tangible product being created, such as non-recurring engineering costs. The Company has elected to use the practical expedient and not consider unbilled amounts anticipated to be paid within one year as significant financing components.

Contract liabilities include customer deposits that are made prior to the incurrence of costs related to a newly agreed upon contract and advanced customer payments that are in excess of revenue recognized. The current portion of contract liabilities are classified as current liabilities under the caption "Customer deposits" while the noncurrent contract liabilities are classified as noncurrent liabilities under the caption "Other long-term liabilities" on the Consolidated Balance Sheets. Noncurrent contract liabilities were \$ 389 million and \$ 174 million at December 31, 2024 and 2023, respectively. These contract liabilities are not considered a significant financing component because they are used to meet working capital demands that can be higher in the early stages of a contract or revenue associated with the contract liabilities is expected to be recognized within one year. Contract liabilities also include provisions for estimated losses from uncompleted contracts. Provisions for loss contracts were \$ 91 million and \$ 104 million at December 31, 2024 and 2023, respectively. These provisions for estimated losses are classified as current liabilities and included within the caption "Other accrued liabilities" on the Consolidated Balance Sheets.

The following table reconciles the changes in the Company's contract assets and liabilities as follows:

<i>In millions</i>	Contract Assets	
	2024	2023
Balance at beginning of year	\$ 678	\$ 706
Recognized in current year	856	692
Reclassified to accounts receivable	(801)	(723)
Acquisitions/adjustments	3	(2)
Foreign currency impact	(16)	5
Balance at end of year	\$ 720	\$ 678

<i>In millions</i>	Contract Liabilities	
	2024	2023
Balance at beginning of year	\$ 1,082	\$ 956
Recognized in current year	1,562	1,380
Amounts in beginning balance reclassified to revenue	(572)	(665)
Current year amounts reclassified to revenue	(876)	(593)
Acquisitions	8	1
Foreign currency impact	(31)	3
Balance at end of year	\$ 1,173	\$ 1,082

9. LONG-TERM DEBT

Long-term debt consisted of the following:

<u>In millions</u>	Effective Interest Rate	Face Value	December 31,			
			2024		2023	
			Book Value	Fair Value ¹	Book Value	Fair Value ¹
2024 Credit Agreement:						
Term Loan	6.6 %	\$ 225	\$ 224	\$ 225	\$ —	\$ —
2022 Credit Agreement:						
Revolving Credit Facility	8.0 %	N/A	—	—	—	—
Delayed Draw Term Loan	6.6 %	\$ 250	250	250	250	250
Senior Notes:						
4.15 % Senior Notes, due 2024			—	—	725	722
3.20 % Senior Notes, due 2025	3.4 %	\$ 500	500	496	499	484
3.45 % Senior Notes, due 2026	3.5 %	\$ 750	750	732	749	718
1.25 % Senior Notes (EUR), due 2027	1.5 %	€ 500	514	495	547	509
		1,250				
4.70 % Senior Notes, due 2028	4.8 %	\$ 500	1,246	1,239	1,245	1,237
5.611 % Senior Notes, due 2034	5.7 %	\$ 500	496	507	—	—
Other Borrowings			—	—	54	57
Total			3,980	3,944	4,069	3,977
Less: current portion			(500)	(496)	(781)	(779)
Long-term portion			\$ 3,480	\$ 3,448	\$ 3,288	\$ 3,198

1. See Note 17 for information on the fair value measurement of the Company's long-term debt.

Variances between Face Value and Book Value are the result of unamortized discounts and debt issuance costs as well as foreign exchange on the Euro Notes. Amortization of discounts and debt issuance fees are included in the calculation of Effective Interest Rate.

The Company borrows and repays against the Revolving Credit Facility and an uncommitted money market line for added flexibility in liquidity to manage cash during the operating cycle. The proceeds from borrowing and the repayments are included within the Financing Activities section of the Consolidated Statements of Cash Flows.

As of December 31, 2024, the annual repayment requirements for debt obligations are as follows:

<u>In millions</u>		
2025		\$ 500
2026		750
2027		770
2028		1,250
2029		225
Thereafter		500
Total		\$ 3,995

For those debt securities that have a premium or discount at the time of issuance, the Company amortizes the amount through interest expense based on the maturity date or the first date the holders may require the Company to repurchase the debt securities, if applicable. A premium would result in a decrease in interest expense, and a discount would result in an increase in interest expense in future periods. Additionally, the Company has debt issuance costs related to certain financing transactions which are also amortized through interest expense. As of December 31, 2024 and 2023, the Company had total unamortized debt issuance costs and discounts of \$ 15 million.

Credit Agreements

2024 Credit Agreement

On March 14, 2024, the Company entered into a new stand-alone credit agreement (the "2024 Credit Agreement") for a term loan of \$ 225 million. Borrowings under the 2024 Credit Agreement bear interest at a base rate plus an interest rate spread up to 1.75 % based on the lower of the pricing corresponding to (i) the Company's Leverage Ratio or (ii) the Company's public rating. At December 31, 2024, the interest rate was 6.0 %. The frequency of interest payments varies based upon the Interest

Election Request. The term loan issued under the 2024 Credit Agreement will mature on March 14, 2029. The obligations of the Company under the 2024 Credit Agreement are unsecured and have been guaranteed by certain of the Company's subsidiaries. The agreement contains affirmative, negative and financial covenants, and events of default customary for facilities of this type.

Under the 2024 Credit Agreement, the Company has agreed to maintain an Interest Coverage Ratio of at least 3.0 to 1.0, and a Leverage Ratio not to exceed 3.5 to 1.0. The Interest Coverage Ratio is calculated using an earnings metric as defined in the agreement compared to Interest Expense for the four quarters then ended. The Leverage Ratio is defined as net debt (total debt, net of up to \$ 300 million of unrestricted cash) as of the last day of such fiscal quarter to the defined earnings metric for the four quarters then ended. Additionally, the Company may effect an increase in the maximum Leverage Ratio in contemplation of a Material Acquisition. All terms are as defined in the 2024 Credit Agreement.

2022 Credit Agreement

On August 15, 2022, the Company entered into a new unsecured credit agreement (the "2022 Credit Agreement"). The 2022 Credit Agreement provides for borrowings consisting of (i) a multi-currency revolving credit facility, providing for an equivalent in U.S. dollars of up to \$ 1.5 billion (the "Revolving Credit Facility") and (ii) a \$ 250 million delayed draw term loan facility (the "Delayed Draw Term Loan"), all pursuant to the terms and conditions of the 2022 Credit Agreement. The 2022 Credit Agreement allows the Company to request, at prevailing market rates, an aggregate amount not to exceed \$ 750 million, (a) increases to the borrowing commitments under the Revolving Credit Facility and/or (b) new incremental term loan commitments. The agreement contains affirmative, negative and financial covenants, and events of default customary for facilities of this type.

The Revolving Credit Facility matures on August 15, 2027. The Delayed Draw Term Loan was fully drawn during the third quarter of 2023, and the proceeds were utilized to redeem the 4.375 % Senior Notes, due 2023. Borrowings under the Delayed Draw Term Loan will mature on August 15, 2027. Amounts borrowed and repaid under the Delayed Draw Term Loan may not be reborrowed. The applicable interest rate for borrowings under the 2022 Credit Agreement includes a base rate (per the Interest Election terms of the agreement) plus an interest rate spread up to 1.75 % based on the lower of the pricing corresponding to (i) the Company's financial leverage or (ii) the Company's public rating. At December 31, 2024, the interest rate on the Delayed Draw Term Loan was 6.0 % and the interest rate on the undrawn Revolving Credit Facility was 5.7 %. Obligations under the 2022 Credit Agreement have been guaranteed by certain of the Company's subsidiaries.

Under the 2022 Credit Agreement, the Company has agreed to maintain an Interest Coverage Ratio of at least 3.0 to 1.0, and a Leverage Ratio not to exceed 3.5 to 1.0. The Interest Coverage Ratio is calculated using an earnings metric as defined in the agreement compared to Interest Expense for the four quarters then ended. The Leverage Ratio is defined as net debt (total debt, net of up to \$ 300 million of unrestricted cash) as of the last day of such fiscal quarter to the defined earnings metric for the four quarters then ended. Additionally, the Company may effect an increase in the maximum Leverage Ratio in contemplation of a Material Acquisition. All terms are as defined in the 2022 Credit Agreement.

The following table presents availability under the 2022 Credit Agreement as of December 31, 2024:

<i>In millions</i>	Revolving Credit Facility	Delayed Draw Term Loan	Total
Maximum Availability	\$ 1,500	\$ 250	\$ 1,750
Outstanding Borrowings	—	(250)	(250)
Letters of Credit Under Credit Agreement	—	—	—
Current Availability	<u>\$ 1,500</u>	<u>\$ —</u>	<u>\$ 1,500</u>

The Company was in compliance with all financial covenants in the 2022 Credit Agreement and the 2024 Credit Agreement as of December 31, 2024.

Intra-Quarter Uncommitted Money Market Line Credit Agreement

During the third quarter of 2024, the Company entered into an uncommitted bilateral money market line credit agreement which provides an aggregate borrowing capacity of \$ 150 million, for general business purposes and working capital needs within a quarter.

Senior Notes

The Company or its subsidiaries may issue senior notes from time to time. These notes are comprised of our 4.15 % Senior Notes which matured in 2024 (the "2024 Notes"), 3.20 % Senior Notes due 2025 (the "2025 Notes"), 3.45 % Senior Notes due 2026 (the "2026 Notes"), 1.25 % Senior Notes (EUR) due 2027 (the "Euro Notes" discussed below), 4.70 % Senior Notes due 2028 (the "2028 Notes") and 5.611 % Senior Notes due 2034 (the "2034 Notes"). The 2024 Notes, 2025 Notes, 2026 Notes, 2028 Notes, and 2034 Notes are the "US Notes", and collectively with the Euro Notes, the "Senior Notes." Interest on the US Notes is payable semi-annually and interest on the Euro Notes is paid annually. Each series of the Senior Notes may be

redeemed any time in whole or from time to time in part in accordance with the provisions of the indenture, under which such series of notes was issued. Each of the Senior Notes may be redeemed at a redemption price of 100 % of the principal amount plus a specified make-whole premium and accrued interest. The US Notes and the Company's guarantee of the Euro Notes are senior unsecured obligations of the Company and rank pari passu with all existing and future senior debt and senior to all existing and future subordinated indebtedness of the Company.

On March 11, 2024, the Company issued \$ 500 million of 5.611 % Senior Notes due in 2034 (2034 Notes). The 2034 Notes were issued at 100 % of face value and the Company recognized approximately \$ 5 million of total deferred financing costs. Interest on the 2034 Notes will accrue at a rate of 5.611 % per year, payable semi-annually on March 11 and September 11 of each year, commencing September 11, 2024. The 2034 Notes will mature on March 11, 2034. Proceeds from the 2034 Notes, combined with the proceeds from the term loan under the 2024 Credit Agreement and cash on hand, were utilized to repay the outstanding amount of 2024 Notes at maturity.

Beginning September 15, 2023, the effective interest rates for the 2024 Notes and the 2028 Notes were each reduced by 0.25 % due to a favorable change in Wabtec's corporate credit rating and the rating of the aforementioned notes.

During the second quarter of 2022, the Company redeemed \$ 25 million of principal from the 2024 Notes plus a premium and the related accrued interest.

The indentures under which the Senior Notes were issued contain covenants and restrictions which limit, subject to certain exceptions, certain sale and leaseback transactions with respect to principal properties, the incurrence of secured debt without equally and ratably securing the Senior Notes, and certain merger and consolidation transactions. The covenants do not require the Company to maintain any financial ratios or specified levels of net worth or liquidity. The US Notes are fully and unconditionally guaranteed, jointly and severally, on an unsecured basis by each of the Company's subsidiaries that is a guarantor under the 2022 Credit Agreement. The Euro Notes were issued by Wabtec Netherlands and are fully and unconditionally guaranteed by the Company.

The Company is in compliance with the restrictions and covenants in the indentures under which the Senior Notes were issued and expects that these restrictions and covenants will not be any type of limiting factor in executing our operating activities.

Cash Pooling

Wabtec aggregates the Company's domestic cash position on a daily basis. Outside the United States, the Company uses cash pooling arrangements with banks to help manage our liquidity requirements. In these pooling arrangements, Wabtec subsidiary "Participants" agree with a single bank that the cash balances of any of the pool Participants with the bank will be subject to a full right of set-off against amounts other Participants owe the bank, and the bank provides for overdrafts as long as the net overdraft balance for all Participants does not exceed an agreed-upon level. Typically, each Participant pays interest on outstanding overdrafts and receives interest on cash balances. The Company's Consolidated Balance Sheets reflect cash, net of bank overdrafts, under all pooling arrangements.

Letters of Credit and Bank Guarantees

In the ordinary course of its business, the Company arranges for certain types of bank guarantees and letters of credit, such as performance bonds, bid bonds and financial guarantees, that are issued by certain banks and insurance companies to support customer contracts. The outstanding amount, including the letters of credit issued under the credit facility, was \$ 931 million and \$ 855 million at December 31, 2024 and 2023, respectively.

10. EMPLOYEE BENEFIT PLANS

Defined Benefit Pension Plans

The Company sponsors defined benefit pension plans that cover certain U.S. and international employees, primarily in the United Kingdom, Canada and Germany, which provide benefits of stated amounts for each year of service of the employee. The Company uses a December 31 measurement date for the plans.

The following tables provide information regarding the Company's significant defined benefit pension plans summarized by U.S. and international components.

Obligations and Funded Status

In millions	U.S.		International	
	2024	2023	2024	2023
Change in projected benefit obligation				
Obligation at beginning of year	\$ (55)	\$ (29)	\$ (251)	\$ (236)
Service cost	—	—	(3)	(3)
Interest cost	(3)	(2)	(11)	(11)
Employee contributions	—	—	(1)	(1)
Plan settlements, curtailments and amendments	—	1	1	1
Benefits paid	4	4	13	14
Acquisition	—	(29)	—	—
Actuarial gain (loss)	2	—	17	(5)
Effect of currency rate changes	—	—	10	(10)
Obligation at end of year	\$ (52)	\$ (55)	\$ (225)	\$ (251)
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 55	\$ 31	\$ 211	\$ 201
Actual return on plan assets	1	2	10	10
Employer contributions	—	—	5	6
Employee contributions	—	—	1	1
Benefits paid	(4)	(4)	(13)	(14)
Settlements and other	—	—	(1)	(1)
Acquisition	—	26	—	—
Effect of currency rate changes	—	—	(9)	8
Fair value of plan assets at end of year	\$ 52	\$ 55	\$ 204	\$ 211
Funded status				
Fair value of plan assets	\$ 52	\$ 55	\$ 204	\$ 211
Benefit obligations	(52)	(55)	(225)	(251)
Funded status	\$ —	\$ —	\$ (21)	\$ (40)
Amounts recognized in the statement of financial position consist of:				
Noncurrent assets	\$ —	\$ —	\$ 29	\$ 13
Current liabilities	—	—	(2)	(2)
Noncurrent liabilities	—	—	(48)	(51)
Net amount recognized	\$ —	\$ —	\$ (21)	\$ (40)
Amounts recognized in Accumulated other comprehensive loss, before tax at December 31, consist of:				
Prior service cost	—	—	(1)	(1)
Net actuarial loss	(13)	(14)	(44)	(64)
Net amount recognized	\$ (13)	\$ (14)	\$ (45)	\$ (65)

The aggregate accumulated benefit obligation for the U.S. pension plans was \$ 52 million and \$ 55 million as of December 31, 2024 and 2023, respectively. The aggregate accumulated benefit obligation for the international pension plans was \$ 214 million and \$ 241 million as of December 31, 2024 and 2023, respectively.

<i>In millions</i>	International	
	2024	2023
Information for pension plans with accumulated benefit obligations in excess of Plan assets:		
Projected benefit obligation	\$ (74)	\$ (185)
Accumulated benefit obligation	(65)	(178)
Fair value of plan assets	25	133
Information for pension plans with projected benefit obligations in excess of plan assets:		
Projected benefit obligation	\$ (79)	\$ (194)
Accumulated benefit obligation	(69)	(185)
Fair value of plan assets	29	141

Components of Net Periodic Benefit Costs

<i>In millions</i>	U.S.			International		
	2024	2023	2022	2024	2023	2022
Service cost	\$ —	\$ —	\$ —	\$ 3	\$ 3	\$ 3
Interest cost	3	2	1	11	11	6
Expected return on plan assets	(3)	(2)	(1)	(11)	(10)	(12)
Amortization of net loss	—	—	1	3	3	2
Settlement and curtailment gains recognized	—	(1)	—	—	—	(1)
Net periodic benefit (income) cost	\$ —	\$ (1)	\$ 1	\$ 6	\$ 7	\$ (2)

Interest cost is recorded in Interest expense, net on the Consolidated Statements of Income. Expected return on plan assets, Amortization of net loss, and Settlement and curtailment losses recognized are recorded within Other income, net on the Consolidated Statements of Income. Service cost is considered a component of employee compensation and is recorded within Cost of sales or Selling, general and administrative expenses depending on the plan participants relative job function.

Amounts recognized in Other comprehensive income during 2024 for other changes in plan assets and benefit obligations are not material. The amounts of net actuarial loss and prior service cost included in Other comprehensive loss expected to be recognized as components of periodic benefit costs in 2025 are not material.

The weighted average assumptions in the following table represent the rates used to develop the actuarial present value of the projected benefit obligation for the year listed.

	U.S.			International		
	2024	2023	2022	2024	2023	2022
Discount rate	5.70	%	5.25	%	5.58	%
Expected return on plan assets	4.50	%	3.80	%	3.80	%
Rate of compensation increase	3.00	%	3.00	%	3.00	%

The discount rate is based on settling the pension obligation with high grade, high yield corporate bonds, and the rate of compensation increase is based on actual experience. The expected return on plan assets is based on historical performance as well as expected future rates of return on plan assets considering the current investment portfolio mix and the long-term investment strategy.

Pension Plan Assets

The Company has established formal investment policies for the assets associated with our pension plans. Objectives include maximizing long-term return at acceptable risk levels and diversifying among asset classes. Asset allocation targets are based on periodic asset liability study results which help determine the appropriate investment strategies. The investment policies permit variances from the targets within certain parameters. The plan assets consist primarily of equity security funds, debt security funds, insurance contracts, and cash and cash equivalent investments. The assets held in these funds are generally actively managed and are valued at the net asset value per share multiplied by the number of shares held as of the measurement

date. (See Note 17). Plan assets by asset category at December 31, 2024 and 2023 are as follows:

<i>In millions</i>	U.S.		International	
	2024	2023	2024	2023
Pension Plan Assets				
Equity security funds	\$ 8	\$ 3	\$ 59	\$ 56
Debt security funds	42	35	118	129
Insurance contracts	—	—	11	12
Cash and cash equivalents and other	2	17	16	14
Fair value of plan assets	<u>\$ 52</u>	<u>\$ 55</u>	<u>\$ 204</u>	<u>\$ 211</u>

The U.S. plan has a target asset allocation of 15 % equity securities and 85 % debt securities. The International plan has a target asset allocation of 12 % equity securities, 24 % debt securities and 64 % in other investments. Investment policies are determined by the respective Plan's Pension Committee and set forth in its Investment Policy. Rebalancing of the asset allocation occurs on a quarterly basis.

The Company's defined benefit pension plan assets consist primarily of equity security funds, debt security funds, insurance contracts, and temporary cash and cash equivalent investments. These investments are comprised of a number of investment funds that invest in a diverse portfolio of assets including equity securities, corporate and governmental bonds, and money markets. Trusts are valued at the net asset value ("NAV") as determined by their custodian. NAV represents the accumulation of the unadjusted quoted close prices on the reporting date for the underlying investments divided by the total shares outstanding at the reporting dates.

The following tables summarize our pension plan assets measured at fair value on a recurring basis by fair value hierarchy level (See Note 17):

<i>In millions</i>	December 31, 2024				
	NAV	Level 1	Level 2	Level 3	Total
US:					
Equity	\$ —	\$ 8	\$ —	\$ —	\$ 8
Debt Securities	—	9	33	—	42
Cash and cash equivalents	—	2	—	—	2
International:					
Equity	6	14	39	—	59
Debt Securities	—	3	115	—	118
Insurance Contracts	—	—	3	8	11
Cash and cash equivalents and other	—	6	10	—	16
Total	<u>\$ 6</u>	<u>\$ 42</u>	<u>\$ 200</u>	<u>\$ 8</u>	<u>\$ 256</u>

<i>In millions</i>	December 31, 2023				
	NAV	Level 1	Level 2	Level 3	Total
US:					
Equity	\$ —	\$ 3	\$ —	\$ —	\$ 3
Debt Securities	—	5	30	—	35
Cash and cash equivalents	—	17	—	—	17
International:					
Equity	6	14	36	—	56
Debt Securities	—	3	126	—	129
Insurance Contracts	—	—	4	8	12
Cash and cash equivalents and other	—	6	8	—	14
Total	<u>\$ 6</u>	<u>\$ 48</u>	<u>\$ 204</u>	<u>\$ 8</u>	<u>\$ 266</u>

There were no material changes to the Level 3 assets during 2024 and 2023.

Cash Flows

The Company's funding methods are based on governmental requirements and differ from those methods used to recognize pension expense. The Company does not expect material contributions to the international pension plans and does not expect to make a contribution to the U.S. pension plan during 2025.

Benefit payments expected to be paid to plan participants are as follows:

<i>In millions</i>	U.S.		International
Year ended December 31,			
2025	\$ 4	\$ 15	
2026	\$ 4	\$ 15	
2027	\$ 4	\$ 16	
2028	\$ 4	\$ 16	
2029	\$ 4	\$ 17	
2030 through 2034	\$ 20	\$ 86	

Defined Contribution Plans

The Company participates in certain defined contribution plans. Costs of approximately \$ 65 million were recognized during 2024 and \$ 60 million and \$ 55 million was recognized during 2023 and 2022, respectively. The 401(k) savings plan is a participant directed defined contribution plan that holds shares of the Company's stock as one of the investment options. At December 31, 2024 and 2023, the plan held on behalf of its participants approximately 329,000 shares with a market value of \$ 62 million, and approximately 355,000 shares with a market value of \$ 45 million, respectively.

11. INCOME TAXES

The Company is responsible for filing consolidated U.S. federal, foreign and combined, unitary or separate state income tax returns. The Company is responsible for paying the taxes relating to such returns, including any subsequent adjustments resulting from the redetermination of such tax liabilities by the applicable taxing authorities.

The components of the income before income taxes for the Company's domestic and foreign operations for the years ended December 31 are provided below:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
Domestic	\$ 782	\$ 506	\$ 372
Foreign	628	586	482
Income before income taxes	\$ 1,410	\$ 1,092	\$ 854

The consolidated provision for income taxes included in the Consolidated Statements of Income consisted of the following:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
Current tax expense			
Federal	\$ 106	\$ 148	\$ 37
State	26	29	3
Foreign	160	148	137
	292	325	177
Deferred tax expense (benefit)			
Federal	26	(50)	29
State	9	1	—
Foreign	16	(9)	7
	51	(58)	36
Total provision	\$ 343	\$ 267	\$ 213

A reconciliation of the United States federal statutory income tax rate to the effective income tax rate on operations for the years ended December 31 is provided below:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
U.S. federal statutory rate	21.0 %	21.0 %	21.0 %
State taxes	1.8	1.5	2.0
Foreign	3.1	2.0	3.8
Research and development credit	(0.7)	(0.6)	(0.8)
Non-taxable gain on acquisition	—	(0.8)	—
U.S. net operating loss carryback	(1.0)	—	—
Changes in valuation allowances	(0.4)	1.0	(2.0)
U.S. tax reform provision	0.5	0.6	0.1
Other, net	—	(0.2)	0.9
Effective rate	24.3 %	24.5 %	25.0 %

The decrease in effective tax rate from 2023 to 2024 was primarily due to changes in valuation allowances and audit closures, partially offset by a change in the jurisdictional mix of earnings and the non-recurrence of the non-taxable gain generated on the acquisition of LKZ in 2023.

The decrease in effective tax rate from 2022 to 2023 was primarily due to a change in mix of foreign earnings, changes in valuation allowances, and the non-taxable gain generated on the acquisition of LKZ.

On August 16, 2022, the Inflation Reduction Act of 2022 was signed into law. This act includes a new book minimum tax on certain large corporations and an excise tax on corporate stock buybacks among other provisions. At this time, the Company does not believe the act will have a material impact on our consolidated financial position, results of operations, or cash flows.

Components of deferred tax assets and liabilities were as follows:

<i>In millions</i>	December 31,	
	2024	2023
Deferred income tax assets:		
Accrued expenses and reserves	\$ 38	\$ 50
Warranty reserve	53	49
Deferred compensation/employee benefits	92	77
Right-of-use assets	74	78
Pension and postretirement obligations	13	16
Inventory	39	49
Deferred revenue	93	84
Net operating loss carry forwards	106	124
Other	50	51
Gross deferred income tax assets	558	578
Less: Valuation allowance	(52)	(58)
Total deferred income tax assets	506	520
Deferred income tax liabilities:		
Property, plant & equipment	64	64
Right-of-use liabilities	71	75
Intangible assets	663	610
Total deferred income tax liabilities	798	749
Net deferred income tax liability	\$ 292	\$ 229

A valuation allowance is recorded when it is more likely than not that some portion or all of the deferred tax assets will not be realized. As of December 31, 2024, the valuation allowance for certain deferred tax asset carryforwards was \$ 52 million, primarily in the United States, South Africa, China and the Netherlands. The decrease in valuation allowances in 2024 is primarily related to the sale of a business.

The Company has net operating loss carry-forwards in the amount of \$ 373 million, of which \$ 141 million are indefinite lived, \$ 103 million expire within ten years and \$ 129 million expire in various periods between December 31, 2035 to December 31, 2044.

As of December 31, 2024, the liability for income taxes associated with unrecognized tax benefits was \$ 19 million, of which \$ 18 million, if recognized, would favorably affect the Company's effective income tax rate. As of December 31, 2023, the liability for income taxes associated with unrecognized tax benefits was \$ 40 million, of which \$ 27 million, if recognized, would favorably affect the Company's effective income tax rate. A reconciliation of the beginning and ending amount of the gross liability for income taxes associated with unrecognized tax benefits follows:

<i>In millions</i>	2024	2023	2022
Balance at beginning of year	\$ 40	\$ 33	\$ 32
Unrecognized tax benefits in prior periods	3	13	1
Audit settlement during year	(22)	(5)	—
Expiration of audit statute of limitations	(2)	(1)	—
Balance at end of year	\$ 19	\$ 40	\$ 33

The Company includes interest and penalties related to unrecognized tax benefits in income tax expense. As of December 31, 2024 and 2023, the total interest and penalties accrued was approximately \$ 13 million.

An audit of the Company's U.S. federal income tax return for the year 2017 is ongoing and select state and non-U.S. income tax audits are also underway. With limited exception, the Company is no longer subject to examination by various U.S. and foreign taxing authorities for years before 2019. At this time, the Company believes that it is reasonably possible that unrecognized tax benefits of approximately \$ 14 million may change within the next 12 months due to the expiration of statutory review periods and current examinations.

12. EARNINGS PER SHARE

The Company's non-vested restricted stock contains rights to receive non-forfeitable dividends, and thus are participating securities requiring the two-class method of computing earnings per share. The calculation of earnings per share for common stock excludes the income attributable to the non-vested restricted stock from the numerator, which results in approximately 0.3 % of Net income attributable to Wabtec shareholders being allocated to non-vested restricted stock in all periods presented. Additionally, the dilutive impact of the assumed conversion of non-vested restricted stock is excluded from the denominator of the diluted weighted average shares outstanding. The computation of basic and diluted earnings per common share for Net income attributable to Wabtec shareholders is as follows:

	For the year ended December 31,		
	2024	2023	2022
<i>In millions, except per share data</i>			
Numerator			
Net income attributable to Wabtec shareholders	\$ 1,056	\$ 815	\$ 633
Less: Net income allocated to non-vested restricted stock	(3)	(2)	(2)
Numerator for basic and diluted earnings per common share	\$ 1,053	\$ 813	\$ 631
Denominator			
Weighted average shares outstanding - basic	174.1	178.8	182.2
Effect of dilutive securities:			
Assumed conversion of dilutive stock-based compensation plans excluding non-vested restricted stock	0.3	0.4	0.4
Assumed conversion of dilutive non-vested restricted stock	0.4	0.3	0.2
Weighted average shares outstanding - diluted	174.8	179.5	182.8
Earnings per common share attributable to Wabtec shareholders			
Basic	\$ 6.05	\$ 4.54	\$ 3.46
Diluted	\$ 6.04	\$ 4.53	\$ 3.46

13. STOCK-BASED COMPENSATION PLANS

As of December 31, 2024, the Company maintains employee stock-based compensation plans for stock options, restricted stock, and incentive stock units as governed by the 2011 Stock Incentive Compensation Plan, as amended and restated (the "2011 Plan") and the 2000 Stock Incentive Plan, as amended (the "2000 Plan"). The 2011 Plan has a term through May 10, 2027, and as of December 31, 2024, the number of shares available for future grants under the 2011 Plan was approximately 4.4 million shares. The Company also maintains a 1995 Non-Employee Directors' Fee and Stock Option Plan as amended and restated ("the Directors Plan"). The Directors Plan, as amended, authorizes a total of 1.1 million shares of Common Stock to be issued. Under the Directors Plan, options issued become exercisable over a three-year vesting period and expire ten years from the date of grant, and restricted stock issued under the plan vests one year from the date of grant. The amount of restricted stock issued to non-employee directors as compensation for directors' fees was as follows: 9,320 shares for 2024; 14,856 shares for 2023; and 14,269 shares for 2022. The total number of shares issued under the Directors Plan as of December 31, 2024 was approximately 1.0 million shares.

Stock-based compensation expense for all of the plans was \$ 85 million, \$ 59 million and \$ 49 million for the years ended December 31, 2024, 2023 and 2022, respectively. Associated tax benefits related to the stock-based compensation plans for the years ended December 31, 2024, 2023 and 2022 were not material.

Included in the stock-based compensation expense for 2024 above is \$ 37 million of expense related to incentive stock units, \$ 28 million of expense related to non-vested restricted stock, \$ 19 million related to restricted stock units, and \$ 1 million related to units issued for Directors' fees. At December 31, 2024, unamortized compensation expense related to those non-vested restricted shares and incentive stock units expected to vest totaled \$ 79 million and will be recognized over a weighted period of 1.4 years.

Stock Options Stock options are granted to eligible employees and directors at fair market value, which is the average of the high and low Wabtec stock price on the date of grant. Under the 2011 Plan and the 2000 Plan, options become exercisable over a three year vesting period and expire 10 years from the date of grant. There were no stock options granted in the years ended December 31, 2024, 2023 and 2022. At December 31, 2024, there were 172,196 shares issuable pursuant to exercisable stock options.

Restricted Stock, Restricted Stock Units and Incentive Stock As provided for under the 2011 Plan and 2000 Plan, eligible employees are granted restricted stock that generally vests over three years from the date of grant. Under the Directors Plan, restricted stock awards vest one year from the date of grant. The restricted stock units are liability-classified equity awards as they can be settled in cash.

In addition, the Company has issued incentive stock units to eligible employees that vest upon attainment of certain cumulative three-year performance goals, including a Relative Total Stockholder Return ("RTSR") modifier. The RTSR can increase or decrease the payment by 10 % to 20 % depending on the plan year. Significant judgments and estimates are used in determining the estimated three-year performance, which is then used to estimate the total shares expected to vest over the three year vesting cycle and corresponding expense based on the grant date fair value of the award. When determining the estimated three-year performance, the Company utilizes a combination of historical actual results, budgeted results and forecasts. Upon the initial grant of a performance cycle, the Company estimates the three-year performance at 100 %. Quarterly, the Company reviews and updates performance estimates based on actual performance results and current projections. Based on the Company's performance for each three year period then ended, the incentive stock units can vest and be awarded ranging from 0 % to 200 % of the initial incentive stock units granted. The incentive stock units included in the table below represent the number of shares that are expected to vest based on the Company's estimate for meeting those established performance targets. As of December 31, 2024, the Company estimates that it will achieve approximately 184 %, 181 % and 200 % for the incentive stock awards expected to vest, inclusive of the RTSR modifier, based on the estimated performance for the three year periods ending December 31, 2024, 2025, and 2026, respectively, and has recorded incentive compensation expense accordingly. If estimates of the number of these stock units expected to vest changes in a future accounting period, cumulative compensation expense could increase or decrease and will be recognized in the current period for the elapsed portion of the vesting period and would change future expense for the remaining vesting period.

Compensation expense for the non-vested restricted stock and incentive stock units is based on the closing price of the Company's common stock on the date of grant and recognized over the applicable vesting period. Expense for incentive stock units is updated as necessary based on the Company's performance.

The following table summarizes the restricted stock and incentive stock units activity and related information for the years ended December 31:

	Restricted Stock and Units	Incentive Stock Awards	Weighted Average Grant Date Fair Value
Outstanding at December 31, 2021	507,698	607,101	\$ 78.06
Granted	460,841	176,657	\$ 91.19
Vested	(234,597)	(43,039)	\$ 75.14
Adjustment for incentive stock awards expected to vest	—	45,301	\$ 84.55
Canceled	(44,522)	(41,176)	\$ 76.84
Outstanding at December 31, 2022	689,420	744,844	\$ 84.73
Granted	368,209	192,751	\$ 104.70
Vested	(262,339)	(265,678)	\$ 81.00
Adjustment for incentive stock awards expected to vest	—	31,011	\$ 88.02
Canceled	(34,721)	(10,196)	\$ 93.44
Outstanding at December 31, 2023	760,569	692,732	\$ 93.65
Granted	310,461	193,661	\$ 142.55
Vested	(296,463)	(298,756)	\$ 87.23
Adjustment for incentive stock awards expected to vest	—	313,519	\$ 118.53
Canceled	(46,531)	(24,092)	\$ 105.98
Outstanding at December 31, 2024	<u>728,036</u>	<u>877,064</u>	<u>\$ 115.71</u>

14. ACCUMULATED OTHER COMPREHENSIVE LOSS

Comprehensive income (loss) comprises both Net income and the Other Comprehensive (loss) income resulting from the change in equity from transactions and other events and circumstances from non-owner sources.

The changes in Accumulated other comprehensive loss by component, net of tax, for the years ended December 31, 2024, 2023, and 2022 are as follows:

<i>In millions</i>	Foreign currency translation	Derivative contracts	Pension and post retirement benefit plans	Total
Balance at December 31, 2021	\$ (396)	\$ (5)	\$ (65)	\$ (466)
Other comprehensive (loss) income before reclassifications	(200)	(4)	7	(197)
Amounts reclassified from Accumulated other comprehensive loss	—	—	2	2
Other comprehensive (loss) income, net	(200)	(4)	9	(195)
Balance at December 31, 2022	\$ (596)	\$ (9)	\$ (56)	\$ (661)
Other comprehensive income (loss) before reclassifications	55	16	(2)	69
Amounts reclassified from Accumulated other comprehensive loss	—	—	2	2
Other comprehensive income, net	55	16	—	71
Balance at December 31, 2023	\$ (541)	\$ 7	\$ (56)	\$ (590)
Other comprehensive (loss) income before reclassifications	(277)	10	13	(254)
Amounts reclassified from Accumulated other comprehensive loss	—	—	(2)	(2)
Other comprehensive (loss) income, net	(277)	10	11	(256)
Balance at December 31, 2024	\$ (818)	\$ 17	\$ (45)	\$ (846)

Amounts reclassified from Accumulated other comprehensive loss are recognized in "Other income, net" with the tax impact recognized in "Income tax expense" on the Consolidated Statements of Income.

15. LEASES

The Company leases certain property, buildings and equipment. For leases with terms greater than 12 months, the Company records the related asset and obligation at the present value of lease payments. Many of the Company's leases include rental escalation clauses, renewal options, and/or termination options that are factored into our determination of lease payments when appropriate. The Company does not separate lease and non-lease components. Operating lease expense for the years ended December 31, 2024, 2023, and 2022 was \$ 71 million, \$ 64 million, and \$ 60 million, respectively. During 2024 and 2023, new operating leases of \$ 76 million and \$ 37 million, respectively, were added during the year. As most of the Company's leases do not provide a readily stated discount rate, the Company must estimate the rate to discount lease payments using its incremental borrowing rate. Wabtec does not have material financing leases, short-term or variable leases or sublease income.

Scheduled payments of operating lease liabilities are as follows:

<i>In millions</i>	Operating Leases
2025	\$ 63
2026	56
2027	45
2028	37
2029	30
Thereafter	114
Total lease payments	345
Less: Present value discount	(37)
Present value lease liabilities	\$ 308

The following table summarizes the remaining lease term and discount rate assumptions used to develop the present value of operating lease liabilities:

	December 31, 2024	December 31, 2023
Weighted-average remaining lease term (years)	7.9	7.8
Weighted-average discount rate	2.9 %	2.4 %

16. WARRANTIES

The following table reconciles the changes in the Company's product warranty reserve as follows:

<i>In millions</i>	2024	2023
Balance at beginning of year	\$ 248	\$ 242
Warranty expense	117	95
Warranty claim payments	(85)	(93)
Acquisitions	1	—
Foreign currency impact/other	(7)	4
Balance at end of year	\$ 274	\$ 248

17. FAIR VALUE MEASUREMENT AND DERIVATIVE INSTRUMENTS

ASC 820 "Fair Value Measurements and Disclosures" defines fair value, establishes a framework for measuring fair value and explains the related disclosure requirements. ASC 820 indicates, among other things, that a fair value measurement assumes that the transaction to sell an asset or transfer a liability occurs in the principal market for the asset or liability or, in the absence of a principal market, the most advantageous market for the asset or liability and defines fair value based upon an exit price model.

Valuation Hierarchy. ASC 820 establishes a valuation hierarchy for disclosure of the inputs to valuation used to measure fair value. This hierarchy prioritizes the inputs into three broad levels as follows. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument. Level 3 inputs are unobservable inputs based on the Company's assumptions used to measure assets and liabilities at fair value. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement.

The Company's cash, cash equivalents and restricted cash are highly liquid investments purchased with an original maturity of three months or less and are considered Level 1 on the fair value valuation hierarchy. The fair value of cash, cash equivalents and restricted cash approximated the carrying value at December 31, 2024 and 2023. The Senior Notes are considered Level 2 based on the fair value valuation hierarchy. Contingent consideration related to the GE Transportation acquisition was considered Level 3 based on the fair value valuation hierarchy. At December 31, 2023, \$ 42 million was classified as "Other accrued liabilities" on the Company's Consolidated Balance Sheets, which approximates fair value. There was no contingent consideration outstanding at December 31, 2024.

Hedging Activities In the normal course of business, the Company is exposed to market risks related to interest rates, commodity prices and foreign currency exchange rate fluctuations, which may adversely affect our operating results and financial position. At times, we limit these risks through the use of derivatives such as cross-currency swaps, foreign currency forward contracts, interest rate swaps, commodity swaps and options. These hedging contracts are valued using broker quotations, or market transactions in either the listed or over-the counter markets. As such, these derivative instruments are classified within Level 2. In accordance with our policy, derivatives are only used for hedging purposes. We do not use derivatives for trading or speculative purposes.

Foreign Currency Exchange Risk

The Company uses forward contracts to hedge forecasted foreign currency denominated sales of finished goods and future settlement of foreign currency denominated assets and liabilities. Derivatives used to hedge firm commitments relevant to sales and purchases and forecasted transactions to be realized with high probability that meet the criteria for hedge accounting are designated as cash flow hedges. The effective portion of gains and losses is deferred as a component of Accumulated other comprehensive loss and is recognized in earnings at the time the hedged item affects earnings, in the same line item as the underlying hedged item. For the years ended December 31, 2024, 2023 and 2022, the amounts reclassified into income were not material.

The Company has also established balance sheet risk management and net investment hedging programs to protect its balance sheet against foreign currency exchange rate volatility. We conduct our business worldwide in U.S. dollars and the functional currencies of our foreign subsidiaries, including euro, Indian rupee, British pound sterling, Australian dollars, Brazilian real, Kazakhstani tenge, and several other foreign currencies. Changes in these foreign currency exchange rates could have a material adverse impact on our financial results that are reported in U.S. dollars. We are also exposed to foreign currency exchange rate risk related to our foreign subsidiaries, including intercompany loans denominated in non-functional currencies. We hedge these exposures using foreign currency swap contracts and cross-currency swaps to offset the potential income statement effects on intercompany loans denominated in non-functional currencies. These programs reduce but do not eliminate foreign currency exchange rate risk entirely.

The Company enters into certain derivative contracts in accordance with its risk management strategy that do not meet the criteria for hedge accounting, but which have the impact of largely mitigating foreign currency exposure. These foreign exchange contracts are accounted for on a full mark-to-market basis through earnings, with gains and losses recorded as a component of Other income, net. The net gains and losses related to these contracts were not material for the years ended December 31, 2024, 2023 and 2022. These contracts typically mature within one year.

Interest Rate Risk

The Company may use interest rate hedge contracts on certain investing and borrowing transactions to manage its net exposure to interest rate changes and to manage its overall cost of borrowing. The Company does not use leveraged swaps and, in general, does not leverage any of its investment activities that would put principal capital at risk. During the first quarter of 2024, the Company utilized all outstanding interest rate hedge contracts to help manage interest expense for the 2034 Notes issued in the first quarter of 2024. In the third quarter of 2024, the Company entered into new interest rate hedge contracts to manage interest rate risk for a portion of future expected debt transactions. For the years ended December 31, 2024, 2023 and 2022, the amounts reclassified into income were not material.

Commodity Price Risk

The Company may use commodity forward swaps to manage its exposure to commodity price changes and to reduce its overall cost of manufacturing. For the years ended December 31, 2024, 2023 and 2022, the amounts reclassified into income were not material.

The following table summarizes the assets, liabilities, gross notional amounts, fair values, and fair value hierarchy classification of the designated and non-designated hedges discussed in the above sections as of December 31, 2024, which are

included in Other current assets and liabilities on the Consolidated Balance Sheets:

<i>In millions</i>	Level	Fair Value		Gross Notional Amount		
		Designated	Non-Designated	Designated	Non-Designated	
Foreign Exchange Contracts						
Other current assets	2	\$ 5	\$ 1	\$ 387	\$ 153	
Other current liabilities	2	(4)	(1)	182	44	
Interest Rate Contracts						
Other current assets	2	2	—	40	—	
Total		\$ 3	\$ —	\$ 609	\$ 197	

The following table summarizes the assets, liabilities, gross notional amounts, fair values, and fair value hierarchy classification of the designated and non-designated hedges discussed in the above sections as of December 31, 2023, which are included in other current assets and liabilities on the Consolidated Balance Sheets:

<i>In millions</i>	Level	Fair Value		Gross Notional Amount		
		Designated	Non-Designated	Designated	Non-Designated	
Foreign Exchange Contracts						
Other current assets	2	\$ 6	\$ 3	\$ 319	\$ 110	
Other current liabilities	2	(12)	(3)	655	200	
Interest Rate Contracts						
Other current assets	2	10	—	250	—	
Total		\$ 4	\$ —	\$ 1,224	\$ 310	

18. COMMITMENTS AND CONTINGENCIES

The Company is subject to a variety of environmental laws and regulations governing discharges to air and water, the handling, storage and disposal of hazardous or solid waste materials and the remediation of contamination associated with releases of hazardous substances. The Company believes its operations currently comply in all material respects with all of the various environmental laws and regulations applicable to our business; however, there can be no assurance that environmental requirements will not change in the future or that we will not incur significant costs to comply with such requirements.

Claims have been filed against the Company and certain of its affiliates in various jurisdictions across the United States by persons alleging bodily injury as a result of exposure to asbestos-containing products. The vast majority of the claims are submitted to insurance carriers for defense and indemnity, or to non-affiliated companies that retain the liabilities for the asbestos-containing products at issue. We cannot, however, assure that all of these claims will be fully covered by insurance, or that the indemnitors or insurers will remain financially viable. Our ultimate legal and financial liability with respect to these claims, as is the case with other pending litigation, cannot be estimated. A limited number of claims are not covered by insurance, nor are they subject to indemnity from non-affiliated parties. Management believes that the costs of the Company's asbestos-related cases will not be material to the Company's overall financial position, results of operations and cash flows.

During the third quarter of 2023, a competitor of the Company, Progress Rail ("Progress"), which is a Caterpillar Inc. company, sued the Company in the U.S. District Court for the District of Delaware asserting antitrust, breach of contract, unfair competition law, and misrepresentation claims. The complaint challenges the Wabtec-GE Transportation merger and contends that since the merger, Wabtec has unlawfully monopolized the markets for long-haul freight locomotives, Tier IV long-haul freight locomotives, and energy management systems by, among other things, failing to ensure that Progress' products are interoperable with Wabtec's locomotives and cab electronics. Progress seeks an order requiring Wabtec to divest GE Transportation, unspecified treble damages for its alleged lost profits from reduced sales of locomotive and cab systems, and attorneys' fees and costs. It also asks the court to enjoin Wabtec from engaging in the conduct and require the Company to comply with its agreements with Progress. Wabtec intends to vigorously defend itself against this lawsuit and believes that it has meritorious defenses to the claims asserted by Progress. The case is still at an early stage; Wabtec filed a motion to dismiss, briefing on this motion was completed in early 2024. The Court has not yet issued a decision on Wabtec's motion.

Xorail, Inc., a wholly owned subsidiary of the Company ("Xorail"), has received notices from Denver Transit Constructors ("DTC") alleging breach of contract related to the operating of constant warning wireless crossings, and late delivery of the Train Management & Dispatch System ("TMDS") for the Denver Eagle P3 Project, which is owned by the Denver Regional Transit District ("RTD"). No damages have been asserted for the alleged late delivery of the TMDS, and no formal claim has been filed; Xorail has successfully completed a remediation plan concerning the TMDS issues. With regard to the wireless crossing issue, as of September 8, 2017, DTC alleged that total damages were \$ 37 million through July 31, 2017.

and were continuing to accumulate. The majority of the damages stems from a delay in approval of the wireless crossing system by the Federal Railway Administration ("FRA") and the Public Utility Commission ("PUC"), resulting in the use of flaggers at all of the crossings pending approval of the wireless crossing system and certification of the crossings. DTC has alleged that the delay is due to Xorail's failure to achieve constant warning times for the crossings in accordance with the approval requirements imposed by the FRA and PUC. Xorail has denied DTC's assertions, stating that its system satisfied the contractual requirements. Xorail has worked with DTC to modify its system and implement the FRA's and PUC's previously undefined approval requirements; the FRA and PUC have both approved modified wireless crossing system, and as of August 2018, DTC completed the process of certifying the crossings and eliminated the use of flaggers. DTC has not updated its claim notices against Xorail, nor have they filed any formal claim against Xorail. On September 21, 2018, DTC filed a complaint against RTD in Colorado state court for breach of contract related to non-payments and the costs for the flaggers, asserting a change-in-law arising from the FRA/PUC's new certification requirements. DTC's claim against RTD proceeded to trial on September 21, 2020. On February 10, 2023, the court issued a decision in favor of RTD, denying DTC's damages claim. DTC filed an appeal to the Colorado Court of Appeals; on May 13, 2024, the Court of Appeals upheld the trial Court's decision in favor of RTD; DTC filed a Writ of Certiorari with the Colorado Supreme Court seeking another appeal; the Writ was denied on February 4, 2025. DTC has informally indicated that they intend to send an updated claim notice to Xorail.

From time to time the Company is involved in litigation relating to claims arising out of its operations in the ordinary course of business. As of the date hereof, the Company is involved in no litigation that the Company believes will have a material adverse effect on its financial condition, results of operations or liquidity.

19. SEGMENT INFORMATION

The Company has two reportable segments—the Freight Segment and the Transit Segment. The key factors used to identify these reportable segments are the organization and alignment of the Company's internal operations, the nature of the products and services and customer type. The Company's business segments are:

Freight Segment builds, rebuilds, upgrades, and overhauls locomotives, services locomotives and freight cars, and provides a range of component and digital solutions for customers in the freight and transit rail, mining, and marine industries. It also manufactures and services components for new and existing freight cars and locomotives, supplies railway electronics, positive train control equipment, signal design and engineering services, maintenance of way, and provides heat exchange and cooling systems for locomotives and power generation equipment. Customers include large, publicly traded railroads, leasing companies, manufacturers of original equipment such as locomotives and freight cars, and utilities, and also serves companies in the mining, marine, and industrial markets. We refer to sales of both goods, such as spare parts and equipment upgrades, and related services, such as monitoring, maintenance and repairs, as sales in our Services product line.

Transit Segment primarily manufactures and services components for new and existing passenger transit vehicles, typically regional trains, high speed trains, subway cars, light-rail vehicles and buses. It also refurbishes subway cars and provides heating, ventilation, and air conditioning equipment and doors for buses and subway cars. Customers include public transit authorities and municipalities, leasing companies, manufacturers of passenger transit vehicles and buses, and companies in the electrical generation, distribution, and charging industries.

Wabtec's chief operating decision maker (CODM) is the Company's Chief Executive Officer, Rafael Santana. Mr. Santana utilizes Income (loss) from operations as the primary reported measure of segment profit or loss in assessing segment performance and deciding how to allocate resources. For both of the Company's segments, the CODM uses segment Income (loss) from operations to make operational and personnel related decisions across the business. The CODM considers actual, budgeted and forecasted Income (loss) from operations on a monthly basis for evaluating the performance of each segment and making decisions about allocating capital and other resources to each segment. Additionally, Gross margin is used by the CODM as a secondary measure of segment profit or loss in assessing segment performance and deciding how to allocate resources. For both of the Company's segments, the CODM uses segment Gross margin to make commercial and operational related decisions across the business.

Intersegment sales are accounted for at prices that are generally established by reference to similar transactions with unaffiliated customers. Corporate activities include general corporate expenses, elimination of certain intersegment transactions, interest income and expense and other unallocated charges. Segment assets for the Freight and Transit Segment include assets directly utilized for segment operations, as well as the related goodwill and intangible assets. Corporate segment assets include cash, cash equivalents, and restricted cash, equity method investment assets, certain tax assets, receivables held by our bankruptcy-remote facility, pension assets, corporate headquarters' assets and other asset balances that are managed outside of operating segments. During 2024, management changed the presentation of segment assets below to show intercompany balances eliminated. As such, segment assets for 2023 have been updated to conform to the current period presentation.

Cost of sales for both segments represents costs directly related to manufacturing products and providing services. Primary costs include raw materials, direct labor, overhead, shipping and handling, warehousing, and the depreciation of

manufacturing, warehousing and distribution facilities. Selling, general and administrative expenses for both segments represent costs incurred in managing the business, including salary, benefits, professional fees and operating costs associated with each segment's non-manufacturing activities. The amounts of depreciation and amortization disclosed by reportable segment are included within their respective segment expense captions, such as Cost of sales, Selling, general & administrative expenses and Amortization expense.

During 2024, Company management determined that certain parts of the business would be better aligned with management oversight in different product lines. These changes were immaterial to the individual product lines and segments affected, and historical amounts have been reclassified to conform to the current period presentation.

Segment financial information for 2024 is as follows:

<i>In millions</i>	Freight Segment	Transit Segment	Corporate Activities and Elimination	Total
Sales to external customers	\$ 7,468	\$ 2,919	\$ —	\$ 10,387
Cost of sales	(4,945)	(2,076)	—	(7,021)
Gross profit	\$ 2,523	\$ 843	\$ —	\$ 3,366
<i>Gross margin</i>	33.8 %	28.9 %		
Selling, general & administrative expenses	\$ (664)	\$ (433)	\$ (151)	\$ (1,248)
Engineering expenses	(164)	(42)	—	(206)
Amortization expense	(273)	(30)	—	(303)
Income (loss) from operations	1,422	338	(151)	1,609
Interest expense and other, net	—	—	(199)	(199)
Income (loss) before income taxes	\$ 1,422	\$ 338	\$ (350)	\$ 1,410
Intersegment sales/(elimination)	\$ 48	\$ 59	\$ (107)	\$ —
Depreciation and amortization	\$ 413	\$ 73	\$ 17	\$ 503
Capital expenditures	\$ 140	\$ 62	\$ 5	\$ 207
Segment assets	\$ 13,176	\$ 3,861	\$ 1,665	\$ 18,702

Segment financial information for 2023 is as follows:

<i>In millions</i>	Freight Segment	Transit Segment	Corporate Activities and Elimination	Total
Sales to external customers	\$ 6,923	\$ 2,754	\$ —	\$ 9,677
Cost of sales	(4,742)	(1,991)	—	(6,733)
Gross profit	\$ 2,181	\$ 763	\$ —	\$ 2,944
<i>Gross margin</i>	31.5 %	27.7 %		
Selling, general & administrative expenses	\$ (637)	\$ (408)	\$ (94)	\$ (1,139)
Engineering expenses	(180)	(38)	—	(218)
Amortization expense	(299)	(22)	—	(321)
Income (loss) from operations	1,065	295	(94)	1,266
Interest expense and other, net	—	—	(174)	(174)
Income (loss) before income taxes	\$ 1,065	\$ 295	\$ (268)	\$ 1,092
Intersegment sales/(elimination)	\$ 58	\$ 42	\$ (100)	\$ —
Depreciation and amortization	\$ 442	\$ 72	\$ 17	\$ 531
Capital expenditures	\$ 119	\$ 58	\$ 9	\$ 186
Segment assets	\$ 13,417	\$ 3,944	\$ 1,627	\$ 18,988

Segment financial information for 2022 is as follows:

<i>In millions</i>	Freight Segment	Transit Segment	Corporate Activities and Elimination	Total
Sales to external customers	\$ 5,979	\$ 2,383	\$ —	\$ 8,362
Cost of sales	(4,090)	(1,732)	—	(5,822)
Gross profit	\$ 1,889	\$ 651	\$ —	\$ 2,540
<i>Gross margin</i>	31.6 %	27.3 %		
Selling, general & administrative expenses	\$ (580)	\$ (365)	\$ (84)	\$ (1,029)
Engineering expenses	(177)	(32)	—	(209)
Amortization expense	(272)	(19)	—	(291)
Income (loss) from operations	860	235	(84)	1,011
Interest expense and other, net	—	—	(157)	(157)
Income (loss) before income taxes	\$ 860	\$ 235	\$ (241)	\$ 854
Intersegment sales/(elimination)	\$ 48	\$ 32	\$ (80)	\$ —
Depreciation and amortization	\$ 398	\$ 61	\$ 20	\$ 479
Capital expenditures	\$ 86	\$ 55	\$ 8	\$ 149

The following geographic area data as of and for the years ended December 31, 2024, 2023 and 2022, respectively, includes net sales based on product shipment destination and long-lived assets, which consist of property, plant and equipment, net of depreciation, resident in their respective countries:

<i>In millions</i>	Net Sales			Long-Lived Assets		
	2024	2023	2022	2024	2023	
United States	\$ 4,924	\$ 4,553	\$ 3,734	\$ 927	\$ 948	
Canada	616	531	454	7	7	
Mexico	275	347	287	34	23	
North America	5,815	5,431	4,475	968	978	
South America	445	346	336	40	47	
Germany	371	347	339	54	54	
France	369	346	273	59	58	
United Kingdom	296	248	213	33	44	
Italy	166	183	163	38	37	
Other Europe	612	520	458	58	60	
Europe	1,814	1,644	1,446	242	253	
India	579	593	531	119	122	
Kazakhstan / CIS	559	457	399	34	39	
Australia / New Zealand	481	451	465	16	15	
China	242	286	244	25	28	
Other Asia / Middle East	258	240	183	—	—	
Egypt	28	120	164	—	—	
Other Africa	166	109	119	3	3	
Total	\$ 10,387	\$ 9,677	\$ 8,362	\$ 1,447	\$ 1,485	

Net sales to external customers by product line are as follows:

<i>In millions</i>	2024	2023	2022
Freight Segment:			
Services	\$ 3,381	\$ 3,262	\$ 2,819
Equipment	2,108	1,794	1,547
Components	1,193	1,094	884
Digital Intelligence	786	773	729
Total Freight Segment sales	\$ 7,468	\$ 6,923	\$ 5,979
Transit Segment:			
Original Equipment Manufacturer	\$ 1,308	\$ 1,264	\$ 1,117
Aftermarket	1,611	1,490	1,266
Total Transit Segment sales	\$ 2,919	\$ 2,754	\$ 2,383

20. OTHER INCOME, NET

The components of Other income, net are as follows:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
Foreign currency (loss) gain	\$ (19)	\$ (20)	\$ 6
Equity income	8	25	17
Expected return on pension assets/amortization	11	7	7
Other miscellaneous income (expense)	2	32	(1)
Total Other income, net	\$ 2	\$ 44	\$ 29

As a result of the change in ownership interest and obtaining control of LKZ, Wabtec's previously held equity interest balance was remeasured to fair value, resulting in a gain of approximately \$ 35 million recorded to Other income, net and is included in Other miscellaneous income (expense) in 2023. See Note 3 for additional information.

21. RESTRUCTURING

During the first quarter of 2022, Wabtec announced a multi-year strategic initiative ("Integration 2.0") to review and consolidate our operating footprint, reduce headcount, streamline the end-to-end manufacturing process, restructure the North America distribution channels, expand operations in low-cost countries, and simplify the business through systems enablement. Through this initiative, Management has evaluated additional capital investments to further simplify and streamline the business. The Company now anticipates that it will incur one-time charges related to Integration 2.0 up to approximately \$ 170 million.

A summary of restructuring charges related to the Integration 2.0 initiative is as follows:

<i>In millions</i>	For the year ended December 31,		
	2024	2023	2022
Freight Segment:			
Cost of goods sold	\$ 7	\$ 4	\$ 13
Selling, general and administrative expenses	—	5	1
Other income, net	(4)	—	—
Total Freight Segment	\$ 3	\$ 9	\$ 14
Transit Segment:			
Cost of goods sold	\$ 13	\$ 25	\$ 26
Selling, general and administrative expenses	10	13	6
Amortization expense	2	2	—
Total Transit Segment	\$ 25	\$ 40	\$ 32
Total Integration 2.0 restructuring charges	\$ 28	\$ 49	\$ 46

Total charges related to Integration 2.0 to date are approximately \$ 146 million which includes amounts recorded in the fourth quarter 2021 for similar actions in Europe. Cash payments made during 2024 were approximately \$ 48 million, primarily for employee related costs. Cash payments made during 2023 were approximately \$ 39 million.

In addition to Integration 2.0, Wabtec is focused on exiting various low margin product offerings through Portfolio Optimization to improve profitability while reducing manufacturing complexity. Wabtec now expects to incur approximately \$ 70 million in net exit charges related to Portfolio Optimization, which will be predominately non-cash asset write downs. Total charges related to Portfolio Optimization to date are approximately \$ 56 million, which includes approximately \$ 28 million charged in 2024 and in 2023. During 2024, approximately \$ 18 million is related to the Freight Segment and approximately \$ 10 million is related to the Transit Segment. Charges are primarily related to asset write downs.

22. SUBSEQUENT EVENTS

On January 14, 2025, Wabtec announced a definitive agreement to acquire Evident's Inspection Technologies division (Inspection Technologies), formerly part of the Scientific Solutions Division of Olympus Corporation, a global leader in Non-Destructive Testing, Remote Visual Inspection and Analytical Instruments solutions for mission critical assets, for \$ 1.78 billion. Inspection Technologies' leading industry presence and innovative product portfolio is expected to significantly expand Wabtec's capabilities, adding advanced automated inspection capabilities, driving technology in a space where data acquisition, analytics and automation are critical. Upon acquisition, Inspection Technologies will be reported within the Digital Intelligence product line of the Freight Segment. The Company anticipates financing the acquisition with a combination of cash on hand, utilization of the Revolving Credit Facility and an additional term loan. The transaction is subject to customary closing conditions and regulatory approvals, with the Company expecting to finalize the acquisition of Inspection Technologies by the end of the first half of 2025.

Item 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

There have been no disagreements with our independent registered public accountants.

Item 9A. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Wabtec's principal executive officer and its principal financial officer have evaluated the effectiveness of Wabtec's "disclosure controls and procedures," (as defined in Exchange Act Rule 13a-15(e)) as of December 31, 2024. Based upon their evaluation, the principal executive officer and principal financial officer concluded that Wabtec's disclosure controls and procedures are effective to provide reasonable assurance that information required to be disclosed by Wabtec in the reports filed or submitted by it under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and to provide reasonable assurance that information required to be disclosed by Wabtec in such reports is accumulated and communicated to Wabtec's Management, including its principal executive officer and principal finance officer, as appropriate to allow timely decisions regarding required disclosure.

Changes in Internal Control over Financial Reporting

There was no change in Wabtec's "internal control over financial reporting" (as defined in Rule 13a-15(f) under the Exchange Act) that occurred during the quarter ended December 31, 2024, that has materially affected, or is reasonably likely to materially affect, Wabtec's internal control over financial reporting. Management's annual report on internal control over financial reporting and the attestation report of the registered public accounting firm are included in Part II, Item 8 of this report.

Management's Report on Internal Control over Financial Reporting

Management's Report on Internal Control Over Financial Reporting is included in Part II, Item 8 of this report on page [42](#) and is incorporated by reference herein.

Report of Independent Registered Public Accounting Firm on Internal Control over Financial Reporting

Ernst & Young LLP's attestation report on internal control over financial reporting is included on Part II, Item 8 of this report on page [45](#) and is incorporated by reference herein.

Item 9B. OTHER INFORMATION

On November 26, 2024 , Rafael Santana , Wabtec's President and Chief Executive Officer , entered into a stock trading plan (the "Plan") designed to comply with Rule 10b5-1(c) under the Securities Exchange Act of 1934, as amended. Under the terms of the plan, shares may be sold from February 26, 2025 to August 21, 2025 . Two types of shares are being sold: (i) up to 10,640 shares jointly owned by Mr. Santana and his spouse, and (ii) shares issued to Mr. Santana with respect to the three year performance units granted to him on February 28, 2022 that will vest on March 31, 2025. A performance unit is equal to a share of Wabtec common stock and the number of performance units granted to Mr. Santana on February 28, 2022 was 53,012. The maximum number of shares that may be issued to Mr. Santana with respect to these performance units is 200%, net of shares traded or withheld for tax or other reasons. Under the Plan, 100% of the performance unit shares issued to Mr. Santana are to be sold.

Item 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

Not applicable.

PART III

Items 10 through 14.

In accordance with the provisions of General Instruction G(3) to Form 10-K, the information required by Item 10 (Directors, Executive Officers and Corporate Governance), Item 11 (Executive Compensation), Item 12 (Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters), Item 13 (Certain Relationships and Related Transactions, and Director Independence) and Item 14 (Principal Accounting Fees and Services) is incorporated herein by reference from the Company's definitive Proxy Statement for its Annual Meeting of Stockholders to be held on May 15, 2025, except for the Equity Compensation Plan Information required by Item 12, which is set forth in the table below. The definitive Proxy Statement will be filed with the Securities and Exchange Commission not later than 120 days after December 31, 2024. Information relating to the executive officers of the Company is set forth in Part I.

Wabtec has adopted a Code of Business Conduct and Ethics which is applicable to all of our employees, including our executive officers. This Code of Business Conduct and Ethics is posted on our website at www.wabteccorp.com. In the event that we make any amendments to or waivers from this code, we will disclose the amendment or waiver and the reasons for such on our website.

We have also adopted an insider trading policy and procedures applicable to directors, officers, employees, and other covered persons, and have implemented processes applicable to us, that we believe are reasonably designed to promote compliance with insider trading laws, rules and regulations, and listing standards of The New York Stock Exchange. A copy of our insider trading policy is filed as Exhibit 19.1 to this Annual Report.

This table provides aggregate information as of December 31, 2024 concerning equity awards under Wabtec's compensation plans and arrangements.

Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted-average exercise price of outstanding options warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plans approved by shareholders	900,000	\$ 77.79	4,400,000
Equity compensation plans not approved by shareholders	—	—	—
Total	900,000	\$ 77.79	4,400,000

PART IV

Item 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

The financial statements filed as part of this report are included in Part II Item 8 of this report. Financial statement schedules and exhibits listed below are filed as part of this annual report:

	Page
(1) Financial Statements and Reports on Internal Control	
Management's Reports to Westinghouse Air Brake Technologies Corporation Shareholders	42
Report of Independent Registered Public Accounting Firm (PCAOB ID: 42, Pittsburgh, Pennsylvania.)	43
Report of Independent Registered Public Accounting Firm on Internal Control Over Financial Reporting	45
Consolidated Balance Sheets as of December 31, 2024 and 2023	47
Consolidated Statements of Income for the three years ended December 31, 2024, 2023 and 2022	48
Consolidated Statements of Comprehensive Income for the three years ended December 31, 2024, 2023 and 2022	49
Consolidated Statements of Cash Flows for the three years ended December 31, 2024, 2023 and 2022	50
Consolidated Statements of Shareholders' Equity for the three years ended December 31, 2024, 2023 and 2022	51
Notes to Consolidated Financial Statements	52
(2) Financial Statement Schedules	
Schedule II—Valuation and Qualifying Accounts	90
	Filing Method
Exhibits	
2.1 Shareholder's Agreement among Financiere Faiveley S.A., FW Acquisition, LLC, and Wabtec Corporation dated as of October 6, 2015	13
2.2 Amendment No. 1 to Shareholder's Agreement among Financiere Faiveley S.A., Famille Faiveley Participations, Francois Faiveley, Erwan Faiveley, and Wabtec Corporation dated as of October 24, 2016	14
2.3 Employee Matters Agreement among General Electric Company, Transportation Systems Holdings Inc., Westinghouse Air Brake Technologies Corporation and Wabtec US Rail, Inc.	21
2.4** Tax Matters Agreement among General Electric Company, Transportation Systems Holdings Inc., Westinghouse Air Brake Technologies Corporation and Wabtec US Rail, Inc.	21
3.1 Restated Certificate of Incorporation of the Company dated January 30, 1995, as amended December 31, 2003	9
3.2 Certificate of Amendment of Restated Certificate of Incorporation dated May 14, 2013	11
3.3 Amended and Restated By-Laws of the Company, effective February 10, 2023	8
3.4 Certificate of Amendment to Restated Certificate of Incorporation dated November 19, 2018	22
3.5 Certificate of Designations of Series A Non-Voting Convertible Preferred Stock of Westinghouse Air Brake Technologies Corporation, dated February 22, 2019	21
4.1 Indenture, dated August 8, 2013 by and between the Company and Wells Fargo, National Association, as Trustee	12
4.2 First Supplemental Indenture, dated August 8, 2013, by and between the Company and Wells Fargo Bank, National Association, as Trustee	12
4.3 [Reserved]	
4.4 Second Supplemental Indenture, dated November 3, 2016, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	15
4.5 Third Supplemental Indenture, dated November 3, 2016, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	15
4.6 Form of 3.450% Senior Note due 2026 (included in Exhibit 4.5)	15
4.7 Fourth Supplemental Indenture, dated February 9, 2017, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	16

4.8	Fifth Supplemental Indenture, dated April 28, 2017, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	17
4.9	Sixth Supplemental Indenture, dated June 21, 2017, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee.	18
4.10	Seventh Supplemental Indenture, dated June 8, 2018, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	19
4.11	Eighth Supplemental Indenture, dated June 29, 2018, by and among Westinghouse Air Brake Technologies Corporation, the subsidiary guarantors named therein and Wells Fargo Bank, National Association, as Trustee	19
4.12	Ninth Supplemental Indenture, dated September 14, 2018, by and among the Company, the guarantors party thereto and Wells Fargo Bank, National Association, as Trustee.	20
4.13	[Reserved]	
4.14	Form of 4.700% Senior Note due 2028 (included in Exhibit 4.12)	20
4.15	Tenth Supplemental Indenture, dated June 6, 2019, by and among the Company, the guarantors party thereto and Wells Fargo Bank, National Association, as Trustee	23
4.16	Eleventh Supplemental Indenture, dated June 29, 2020, by and among the Company, the guarantors party thereto and Wells Fargo Bank, National Association, as Trustee	25
4.17	Form of 3.200% Senior Note due 2025 (included in Exhibit 4.16)	25
4.18	Description of Wabtec Common Stock registered pursuant to Section 12 of the Securities Act of 1934	1
4.19	Base Indenture, dated as of June 3, 2021, among Wabtec Transportation Netherlands B.V., as issuer, Westinghouse Air Brake Technologies Corporation, as guarantor, and U.S. Bank National Association, as Trustee	27
4.20	First Supplemental Indenture, dated as of June 3, 2021, among Wabtec Transportation Netherlands B.V., as issuer, Westinghouse Air Brake Technologies Corporation, as guarantor, and U.S. Bank National Association, as Trustee	27
4.21	Form of 1.250% Notes due 2027 (included in Exhibit 4.20 hereof)	27
4.22	Twelfth Supplemental Indenture, dated March 11, 2024, by and among the Company, the subsidiary guarantors party thereto, Computershare Trust Company, National Association (as successor to Wells Fargo Bank, National Association) and U.S. Bank Trust Company, National Association, as trustee for the Notes.	35
4.23	Form of 5.611% Senior Note due 2034 (included in Exhibit 4.22).	35
10.1	Agreement of Sale and Purchase of the North American Operations of the Railway Products Group, an operating division of American Standard Inc. (now known as Trane), dated as of 1990 between Rail Acquisition Corp. and American Standard Inc. (only provisions on indemnification are reproduced)	2
10.2	Letter Agreement (undated) between the Company and American Standard Inc. (now known as Trane) on environmental costs and sharing	2
10.3	Purchase Agreement dated as of June 17, 1992 among the Company, Schuller International, Inc., Manville Corporation and European Overseas Corporation (only provisions on indemnification are reproduced)	2
10.4	Westinghouse Air Brake Company 1995 Non-Employee Directors' Fee and Stock Option Plan, as amended and restated*	4
10.5	Westinghouse Air Brake Technologies Corporation 2000 Stock Incentive Plan, as Westinghouse Air Brake Technologies Corporation 2000 Stock Incentive Plan, as amended **	33
10.6	Employment Agreement with Albert J. Neupaver, dated December 16, 2005 *	3
10.7	Form of Restricted Stock Agreement *	10
10.8	Westinghouse Air Brake Technologies Corporation 2011 Stock Incentive Plan as amended and restated, as of March 31, 2022*	5
10.9	Stock Purchase Agreement, by and among the Company, Standard Car Truck Company and Robclif, Inc., dated September 12, 2008	6
10.10	Form of Employment Continuation Agreement entered into by the Company with Nicole Theophilus, Michael E. Fettsko, and John A Mastalerz Jr.*	7
10.11	Wabtec Corporation Deferred Compensation Plan for Executive Officers and Directors as adopted December 10, 2009 *	10

10.12	Form of Agreement for Nonstatutory Stock Option under the 1995 Non-Employee Directors' Fee and Stock Option Plan, as amended and restated*	10
10.13	Form of Agreement for Nonstatutory Stock Options under 2000 Stock Incentive Plan, as amended *	10
10.14	Form of Agreement for Nonstatutory Stock Options under 2011 Stock Incentive Plan as amended and restated*	10
10.15	Amendment and Restatement Agreement, dated as of August 15, 2022, among Westinghouse Air Brake Technologies Corporation, Wabtec Transportation Netherlands BV, the other loan parties hereto, the lenders party thereto, the issuing banks thereto, the swingline lender and PNC Bank, National Association as administrative agent (including the Amended and Restated Credit Agreement, as Annex I thereto).	28
10.16	Letter of Offer of Employment with Nicole Theophilus, dated July 9, 2024*	1
10.17	Term Credit Agreement, dated as of March 14, 2024, among Westinghouse Air Brake Technologies Corporation, lenders party thereto and PNC Bank, National Association as administrative agent.	35
10.18	Form of Severance and Employment Continuation Agreement entered into by the Company with John Olin, David DeNinno, Pascal Schweitzer, Eric Gebhardt, and Nicole Theophilus *	26
10.19	Westinghouse Air Brake Technologies Corporation Deferred Compensation Plan for Executives, dated October 21, 2021	30
10.20	Separation Agreement between Stephane Rambaud-Measson and Westinghouse Air Brake Technologies Corporation, dated as of February 13, 2019	24
10.21	Transition Agreement between Raymond T. Betler and Westinghouse Air Brake Technologies Corporation, dated as of April 24, 2019	24
10.22	Severance and Employment Continuation Agreement of Rafael Santana dated as of December 5, 2022*	26
10.23	Transition Agreement of Scott Wahlstrom dated as of November 25, 2020	32
10.24	[Reserved]	
10.25	Transition Agreement of Patrick A. Dugan, dated as of September 9, 2021	31
19.1	Wabtec Corporation Insider Trading Policy dated February 8, 2024	1
21.0	List of subsidiaries of the Company	1
22.0	List of Subsidiary Guarantors	1
23.1	Consent of Ernst & Young LLP	1
31.1	Rule 13a-14(a)/15d-14(a) Certifications	1
31.2	Rule 13a-14(a)/15d-14(a) Certifications	1
32.1	Section 1350 Certifications	1
97.1	Wabtec Corporation Clawback Policy effective October 2, 2023	34
101.INS	XBRL Instance Document	1
101.SCH	XBRL Taxonomy Extension Calculation Linkbase Document	1
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document	1
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.	1
101.LAB	XBRL Taxonomy Extension Label Linkbase Document	1
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document	1
104	XBRL Cover Page Interactive Data (embedded within the Inline XBRL document)	1

1 Filed herewith.

2 Filed as an exhibit to the Company's Registration Statement on Form S-1 (File No. 033-90866).

3 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866) for the period ended March 31, 2006.

4 Filed as an Annex to the Company's Schedule 14A Proxy Statement (File No. 033-90866) filed on March 31, 2017.

5 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866) filed on April 6, 2022.

6 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866) for the period ended September 30, 2008.

- 7 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866) dated July 2, 2009.
- 8 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated February 14, 2023.
- 9 Filed as an exhibit to the Company's Annual Report on Form 10-K (File No. 033-90866), dated February 25, 2011.
- 10 Filed as an exhibit to the Company's Annual Report on Form 10-K (File No. 033-90866), dated February 22, 2013.
- 11 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated September 9, 2019.
- 12 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated August 8, 2013.
- 13 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated October 6, 2015.
- 14 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated October 26, 2016.
- 15 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated November 3, 2016.
- 16 Filed as an exhibit to the Company's Current Report on Form 10-K (File No. 033-90866), dated February 28, 2017.
- 17 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), for the period ended March 31, 2017.
- 18 Filed as an exhibit to the Company's Registration Statement on Form S-4 (File No. 0333-219354).
- 19 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), for the period ended June 30, 2018.
- 20 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated September 14, 2018.
- 21 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated February 25, 2019.
- 22 Filed as an exhibit to the Company's Annual Report on Form 10-K (File No. 033-90866), dated February 27, 2019.
- 23 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), dated August 1, 2019.
- 24 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), dated May 9, 2019.
- 25 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated June 29, 2020.
- 26 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated December 7, 2022.
- 27 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated June 2, 2021
- 28 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), dated November 1, 2022.
- 29 [Reserved]
- 30 Filed as an exhibit to the Company's Current Report on Form 8-K (File No. 033-90866), dated October 21, 2021
- 31 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), for the period ended September 30, 2021.
- 32 Filed as an exhibit to the Company's Annual Report on Form 10-K (File No. 033-90866), dated February 19, 2021.
- 33 Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 033-90866), dated March 2, 2012.
- 34 Filed as an exhibit to the Company's Annual Report on Form 10-K (File No. 033-90866), dated February 14, 2024.
- 35 Filed as an exhibit to the Company's Quarterly Report on Form 10-Q (File No. 033-90866), dated April 24, 2024.

* Management contract or compensatory plan.

** Certain schedules have been omitted pursuant to Item 601(b)(2) of Regulation S-K. Wabtec hereby undertakes to furnish supplementally, copies of any of the omitted schedules upon request by the SEC.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

VALUATION AND QUALIFYING ACCOUNTS
For each of the three years ended December 31

<i>In millions</i>	Balance at beginning of period	Charged to expense	Charged/ (credited) to other accounts (1)	Deductions from reserves (2)	Balance at end of period
2024					
Allowance for doubtful accounts	\$ 31	\$ 11	\$ —	\$ (6)	\$ 36
Valuation allowance-taxes	\$ 58	\$ —	\$ —	\$ (6)	\$ 52
2023					
Allowance for doubtful accounts	\$ 28	\$ 8	\$ —	\$ (5)	\$ 31
Valuation allowance-taxes	\$ 46	\$ 12	\$ —	\$ —	\$ 58
2022					
Allowance for doubtful accounts	\$ 32	\$ 4	\$ (1)	\$ (7)	\$ 28
Valuation allowance-taxes	\$ 64	\$ —	\$ —	\$ (18)	\$ 46

(1) Impact of fluctuations in foreign currency exchange rates.

(2) Deductions in Allowance for doubtful accounts are from amounts written off as uncollectible or proceeds from subsequent collections. Deductions for Valuation allowances-taxes were primarily from changes in expected deferred tax utilization.

Item 16. FORM 10-K SUMMARY

Not applicable.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Company has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION

Date: February 12, 2025

By:

/s/ RAFAEL SANTANA

Rafael Santana,
President and Chief Executive Officer, and Director

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Company and in the capacities and on the dates indicated.

	Signature and Title	Date
By	/S/ ALBERT J. NEUPAVER Albert J. Neupaver, Chairman of the Board	February 12, 2025
By	/S/ RAFAEL SANTANA Rafael Santana, President and Chief Executive Officer and Director (Principal Executive Officer)	February 12, 2025
By	/S/ JOHN A. OLIN John A. Olin, Executive Vice President and Chief Financial Officer (Principal Financial Officer)	February 12, 2025
By	/S/ JOHN A. MASTALERZ John A. Mastalerz, Senior Vice President and Principal Accounting Officer	February 12, 2025
By	/S/ LINDA A. HARTY Linda A. Harty, Lead Director	February 12, 2025
By	/S/ BEVERLEY BABCOCK Beverley Babcock, Director	February 12, 2025
By	/S/ LEE BANKS Lee Banks, Director	February 12, 2025
By	/S/ BYRON FOSTER Byron Foster, Director	February 12, 2025
By	/S/ BRIAN P. HEHIR Brian P. Hehir, Director	February 12, 2025
By	/S/ WILLIAM E. KASSLING William E. Kassling, Director	February 12, 2025
By	/S/ ANN R. KLEE Ann R. Klee, Director	February 12, 2025
By	/S/ JUAN PEREZ Juan Perez, Director	February 12, 2025



July 9, 2024

Nicole Theophilus



Letter of offer of employment

Dear Nicole,

On behalf of Wabtec Corporation (the "Company") we are delighted to welcome you back to Wabtec. We are pleased to formally extend to you the following offer of employment.

Title and Job Scope: Your title will be Chief Administrative Officer reporting directly to me. In this role, you will be responsible for leading the Human Resources, Communications, Security and Labor Relations Functions as well as having responsibility for the Foundation and Labor & Employment lawyers at Wabtec. This position is based at our Corporate Headquarters in Pittsburgh, PA.

Base Salary: Your annual base salary will be \$545,000 payable on a bi-weekly basis.

Executive Bonus Plan: You will be eligible to participate in the 2024 Wabtec Executive Incentive Plan with a target incentive of 100% of your base salary, prorated based on the total amount of time you have been employed by Wabtec during 2024. The bonus is a function of the Company's overall financial performance, your personal performance and Board approval.

Re-hire Date: Your re-hire date will be July 1, 2024.

Equity Awards Associated with Your Hire: Equity awards are an important part of your total compensation. We will recommend to the Compensation Committee, at the next Board of Directors meeting, that you be granted the following awards:

Long-term Incentive Plan/PSU's

- 14,204 PSU's that may be earned based on achievement of the financial targets established in the 2024 – 2026 Wabtec Long-term Incentive (Performance Share) Plan. This grant will be issued as of the date of this letter.

RSA's/RSU's

- 2,193 RSA's/RSU's will be issued as of the date of this letter (2024) with a 3-year cliff vest.
- 2,192 RSA's/RSU's will be issued one year from your re-hire date (2025) with a 2-year cliff vest.
- 2,192 RSA's/RSU's will be issued two years from your re-hire date (2026) with a 1-year cliff vest.

Equity Compensation:

The Compensation Committee and the Board of Directors evaluates the participation in the long-term incentive plans on an annual basis. For 2025 onward, you will be eligible for annual equity grants based on your personal performance and a market assessment of your role. Traditionally those grants have been 60% performance shares and 40% restricted stock.

Restricted Stock:

Beginning in early 2025, as a key member of our management team you will be eligible for periodic grants of restricted stock awards under the Plan, as mentioned above. The timing and amount of these grants will vary. These awards would vest ratably over three years and are typically granted in February/March of each year and are subject to Board approval.

**Long Term Incentive
(Three-Year Plan):**

Your annual participation in the three-year long-term incentive plan will also begin in 2025. This plan is designed to reward executives for meeting or exceeding long-term growth goals, currently Return on Invested Capital (ROIC), Cumulative Cash Conversion (CCC) and Relative Total Shareholder Return (RTSR). The plan is structured as a rolling three-year plan, meaning that each year would form a new performance cycle, i.e. (2024-2026), (2025-2027), etc. Each executive selected to participate in this plan receives a target grant of performance units at the beginning of each three-year performance cycle. The actual number of units earned at the end of the period will depend on Wabtec's ability to achieve threshold, target and maximum performance goals. If the Company achieves the minimum or threshold goals over the three-year period, you will receive one quarter of your target performance units. On the other hand, if the company achieves the maximum of the established goals over the three-year performance period, you will receive two times your target shares. Since this is a rolling plan, this is reset each year and a new three-year plan is established. As you can see, the potential for rapid stock accumulation certainly exists as Wabtec performs under this plan. Equity grants are subject to the Compensation Committee and the Board of Directors approval.

Nicole Theophilus
Page 3 of 3

Benefits: You will be provided benefits at the same level as other Executives of the company.

Non-Competition & Confidentiality: You agree to sign and abide by the Non-Competition & Confidentiality Agreement.

If you have any questions or concerns, please direct them to [REDACTED]

If you agree to all the terms set out in this offer, please sign and date in the space below and return to me at your earliest convenience.

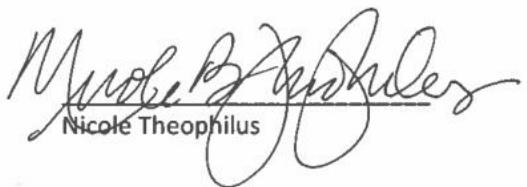
Nicole, we are confident that you are going to do well at Wabtec and are looking forward to your contribution.

Yours truly,



Rafael Santana
President & CEO

AGREED:


Nicole Theophilus

7/9/2024
Date

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

INSIDER TRADING POLICY

- 1. Purpose.** The Wabtec Board of Directors believes that any appearance of improper conduct on the part of any officers, directors or employees of Wabtec or any subsidiary of Wabtec as a result of their transacting in any securities of Wabtec ("Wabtec securities") must be avoided. The Board has adopted this Insider Trading Policy to accomplish this result and help assure that Wabtec's representatives will at all times be perceived as having the highest character and integrity. This Insider Trading Policy, as well as certain U.S. federal securities laws, also applies to family members, trusts, estates or other entities controlled by an officer, director or employee.

The obligation to adhere to U.S. federal securities laws and this policy as it relates to Wabtec securities will survive your separation from Wabtec. Upon separation from Wabtec, if you hold Wabtec securities, you should contact the Legal Department to understand your post-separation obligations with respect to compliance with this policy and U.S. federal securities laws.

- 2. Scope.** This Policy applies to all Wabtec directors, officers, and employees, including individuals employed at domestic and foreign subsidiaries and joint ventures controlled by the Company (collectively "Company Personnel"), to family members of or trusts, estates or other entities controlled by Company Personnel and, where necessary and appropriate, to any outside parties who act on behalf of the Company (collectively "Associated Parties"), further defined below in Definitions.

Responsibilities: All Company Personnel and Associated Parties must:

- a. Read, understand and comply with the mandates set forth in this Policy (Adherence is Mandatory);
- b. Communicate and reinforce the mandates with individuals they supervise;
- c. Properly manage and monitor business activities;
- d. Be alert to indications or evidence of possible wrongdoings; and
- e. Immediately report any actual or suspected violations.

Non-Compliance: All Company Personnel must always comply with this policy. Non-compliance with this policy may result in disciplinary action, up to and including termination of employment or contract, as well as legal consequences in the case of any violation of laws, rules, or regulations.

3. Policy Statement

A. General Insider Trading Policy

- 1. Prohibition on Insider Trading.** The U.S. federal securities laws prohibit anyone from purchasing or selling securities of a publicly-held company such as Wabtec, either in the open market or in private transactions, if they possess material, non-public information about the company. Because of their positions, directors, officers and employees may routinely be aware of material, non-public information about Wabtec. The U.S. federal

securities laws also prohibit giving tips to others based upon such information and prohibit the receiver of tips, the "tippee," from acting on corporate inside information. Similarly, you may learn of material, non-public information about other companies as a result of your position with Wabtec. Investments in or sales of securities of other companies with which Wabtec transacts business must not be based on inside information. Prohibitions against insider trading apply equally to transactions in those companies while you are in possession of their material, nonpublic information. Such investments or sales may violate the law as well as the trust which Wabtec places in those persons with access to non-public information.

- 2. Applicability/Employee Benefit Plans.** This Policy applies to all transactions in Wabtec securities, including purchases, sales and gifts. This Policy applies to all Wabtec securities including, but not limited to, common stock and options to purchase common stock. The prohibitions and restrictions set forth in this Policy do not apply to periodic contributions by employees to employee benefit plans (e.g. 401K Plans) which are used to purchase Wabtec securities pursuant to the employees' advance instructions. However, employees may not alter their instructions regarding the purchase or sale of Wabtec securities in such plans, or make discretionary transfers into or out of Wabtec securities in such plans, while in the possession of material, non-public information.
- 3. Compliance.** This Policy is not intended to replace your responsibility to understand and comply with the legal prohibition on insider trading. The misuse of inside information or engaging in insider trading may result in disciplinary action, including termination, as well as the imposition of civil and criminal penalties. If you have specific questions regarding this Policy or the applicable law, please contact Wabtec's Legal Department.
- 4. Material, Non-Public Information.** Information is considered material if it would be deemed important by a reasonable investor in deciding whether to buy, sell, or refrain from any activity regarding Wabtec securities. Information also is considered to be material if it likely would have a significant impact on the market price of Wabtec securities. Information is considered non-public until it has been effectively disclosed to the public and there has been adequate time for the market as a whole to digest the information. Effective disclosures typically include Wabtec's filings with the Securities and Exchange Commission (the "SEC"), press releases, and conference calls or webcasts that are open to the public.

While it is not possible to compile an exhaustive list, information concerning any of the following items should be reviewed carefully to determine whether such information is material:

- annual or quarterly financial results;
- a significant change in earnings or earnings projections;
- significant changes in Wabtec's debt ratings;
- unusual gains or losses in major operations;
- negotiations and agreements regarding significant customer contracts;
- significant acquisitions, divestitures, or business combinations;
- a significant increase or decrease in dividends on Wabtec's stock;
- planned stock splits or debt or equity offerings;
- actual or threatened significant litigation or government proceedings or the resolution thereof;

- major management changes; and
- significant cybersecurity incidents or other significant disruptions in operations.

You should remember that if transactions in Wabtec securities become the subject of scrutiny, they will be viewed after the fact. As a result, before engaging in any transaction, you should carefully consider how regulators and others might view a transaction with the benefit of hindsight. When in doubt, information should be presumed to be material.

B. Additional Securities Law Responsibilities of Officers and Directors

Certain aspects of the U.S. federal securities laws are particularly applicable to corporate officers and directors. Compliance with these laws is essential to avoid criminal penalties or civil injunctions against Wabtec, with similar penalties, possibly including jail sentences, for officers or directors of Wabtec. Substantial monetary damages may also be imposed on Wabtec, its officers or directors, especially in connection with shareholder derivative suits.

1. Restrictions on Transactions in Wabtec Securities. To help prevent inadvertent violations of insider trading laws and to avoid even the appearance of an improper transaction, Wabtec has adopted the following policies:

- No officer or director may transact in Wabtec securities beginning on the 15th calendar day of the third month of each reporting calendar quarter and continuing until at least one full trading day has elapsed after Wabtec's financial results for that quarter have been made public. Any day on which the New York Stock Exchange is open counts as a business day for this purpose. Generally, officers and directors would be able to transact beginning after the first business day after financial results are made public. Wabtec may on occasion issue interim earnings guidance or other potentially material information by means of a press release or filing with the SEC. Officers and directors should anticipate that trading will be blacked out while Wabtec is in the process of assembling the information to be released and that officers and directors would be able to transact beginning after the second business day after such information is made public. Additional event-specific blackouts may be instituted from time to time at the discretion of the Legal Department.
- All officers and directors must contact the Wabtec Legal Department and obtain clearance before initiating any transaction involving any Wabtec securities, including the exercise or sale of stock options, restricted stock or performance shares under Wabtec's stock based compensation plans.

2. Prohibited Transactions. Wabtec considers it improper and inappropriate for any of its officers or directors to engage in short-term or speculative transactions in Wabtec securities or in other transactions in Wabtec securities that may lead to inadvertent violations of the insider trading laws or do not align an officer's or a director's interest in the long-term growth of Wabtec with those of our stockholders. Therefore, it is Wabtec's policy that officers and directors may not engage in any of the following transactions:

- a. **Short Sales.** Short sales of Wabtec securities (i.e., sales of securities that are not then owned) evidence an expectation on the part of the seller that the securities will decline in value, and therefore signal to the market that the seller has no

confidence in the company or its short-term prospects. In addition, short sales may reduce the seller's incentive to improve Wabtec's performance. For these and other reasons, short sales of Wabtec securities are prohibited. In addition, Section 16 of the Securities Exchange Act of 1934 prohibits executive officers and directors from engaging in short sales. (See Section C.1 below.)

- b. **Publicly Traded Options.** A transaction in options is, in effect, a bet on the short-term movement of Wabtec securities and therefore creates the appearance that the officer or director is trading based on inside information. Transactions in options also may focus the officer's or director's attention on short-term performance at the expense of long-term objectives. Accordingly, transactions in puts, calls or other derivative securities, on an exchange or in any other organized market, are prohibited.
 - c. **Standing Orders.** Standing orders placed by an officer or director with a broker are prohibited, other than in the context of a Rule 10b5-1 trading plan (see below). A standing order placed by an officer or director with a broker to sell or purchase Wabtec securities at a specified price leaves the officer or director with no control over the timing of the transaction. A standing order transaction executed by the broker when the officer or director is aware of material, non-public information could result in unlawful insider trading.
 - d. **Hedging Transactions.** Certain forms of hedging or monetization transactions, such as zero-cost collars and forward sale contracts, allow an officer or director to lock in much of the value of his or her shares of Wabtec stock, often in exchange for all or part of the potential for upside appreciation in the shares. These transactions allow the officer or director to continue to own the covered shares, but without the full risks and rewards of ownership. When that occurs, the officer or director may no longer have the same objectives as our other shareholders. Therefore, officers and directors of Wabtec are prohibited from engaging in any such transactions.
 - e. **Margin Accounts and Pledges.** Because a margin sale or foreclosure sale may occur at a time when an officer is aware of material, non-public information or otherwise is not permitted to transact in Wabtec securities, officers and directors are prohibited from pledging Wabtec securities as collateral for a loan. This includes holding Wabtec securities in a margin account if those securities serve as collateral for a loan. It does not prohibit holding Wabtec securities in a margin account if they are not eligible to be used as collateral in such account.
 - f. **Rule 10b5-1 Plans.** A Rule 10b5-1 trading plan with respect to Wabtec securities may not be entered into, amended or terminated during a blackout period and may only be entered into, amended or terminated when the individual does not possess material, non-public information. Entry into any such plans, along with any amendments or terminations of such plans, by any Company Personnel requires prior approval of the Wabtec Legal Department.
3. **Permitted Transactions.** During a blackout period, directors and officers are permitted to: conduct exercises for cash (exercise and hold) or cashless exercises if no Wabtec securities are sold in the market to fund the exercise; continue regular and matching contributions in benefit plans; make bona fide gifts of Wabtec securities so long as the director or officer has no reason to believe that the recipient intends to sell the securities during the blackout period; and conduct transactions in previously approved and adopted Rule 10b5-1 trading plans. Before entering into any of these transactions, an officer or
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director is required to contact the Wabtec Legal Department for pre-approval of any of the aforementioned transactions.

C. Additional Securities Law Responsibilities of Executive Officers and Directors

In addition to the responsibilities set forth above that are applicable to all officers and directors, executive officers and directors are subject to the following:

- 1. Short Swing Profits and Section 16 Stock Ownership Reports** Officers and directors are subject to Section 16 of the Securities Exchange Act of 1934. Section 16 seeks to prevent misuse of inside information by imposing profit recovery for so-called "short swing" transactions involving any purchase and sale (or sale and purchase) of any Wabtec securities within any period of less than six months. Section 16 is applied very broadly (i.e., by matching the lowest purchase prices against the highest sales prices) to extract the maximum amount of profit recovery from any matchable purchases and sales within a six month period. To aid in monitoring purchases and sales that may be subject to profit recovery, Section 16 requires each officer and director to file with the SEC statements showing any change in stock ownership (Forms 3, 4 and 5). Because of the complexity in this area, the Human Resources Department, in conjunction with the Legal Department, will prepare and file Section 16 reports for officers and directors. Officers and directors should immediately report any changes in their beneficial ownership of Wabtec securities (including by sale, purchase, gift, contribution to a trust or other entities, among others) to the Human Resources and the Legal Departments so that any required reports can be timely prepared and filed. To avoid becoming subject to Section 16 liability, an officer or director should consult with the Wabtec Legal Department prior to any transaction in Wabtec securities by an officer or director, family members or trusts or other entities associated with an officer or director.
- 2. Preparation and Filing of Form 144 Prior to the Sale of Wabtec Stock** Officers and directors are required to file a Form 144 with the SEC each time they intend to sell Wabtec securities in the market. Typically, the Form 144 will be prepared and filed with the SEC by the seller's broker. Accordingly, officers and directors should ensure that their brokers have been provided with their EDGAR filing codes. The Form 144 is a notice of a proposed sale of securities. In order to prepare the Form 144, information required to be provided includes the name and address of the broker through which the shares will be sold, the number of shares intended to be sold, the source and date of acquisition of the shares being sold and, if applicable, the date and nature of payment for the shares to be sold. The Form 144 must be electronically filed with the SEC on or prior to the date that an order is placed with a broker to sell shares. Therefore, anytime an officer or director intends to sell Wabtec shares (including a sale which occurs pursuant to a cashless stock award exercise), they should provide the Wabtec Human Resources and Legal Departments with a minimum of two business days prior notice.

D. Reporting a Concern

If you have any questions or suspect any violations to this Policy, please contact your manager, HR, legal, Compliance, or the CCO or designee immediately. Concerns may also be reported confidentially and anonymously by any party, through our Speak Up Wabtec! program.

Online Reporting (can be submitted anonymously): <http://speakupwabtec.ethicspoint.com/> Email Reporting: speakupwabtec@wabtec.com

Toll-free Helpline (U.S. / Canada – English Speaking): 1-877-860-1054 or 1-800-682-5845 Toll-free Helpline (U.S. / Canada – Non-English Speaking): 1-888-273-6085

Toll-free Helpline: Wabtec maintains toll-free Helpline numbers in various countries. Toll-free numbers currently in effect for other countries are posted at <http://speakupwabtec.ethicspoint.com/>.

You may remain anonymous when you call from a country in which anonymous reporting is allowed. Regardless of the reporting channel, all reported concerns are taken seriously and thoroughly investigated. Wabtec does not tolerate any retaliation by any individual against any party who raises a concern or reports wrongdoing.

4. Definitions.

“Associated Parties” means any individual or company (whether incorporated or unincorporated) who is associated with the Company and performs services on behalf of the Company. This term is broad in scope and embraces all such individuals or companies providing services for the Company, including (but not limited to) customs brokers, freight forwarders, tax advisors, agents and consultants.

“Chief Compliance Officer” (CCO): The individual that the Company has appointed to administer this Policy.

5. Roles and Responsibilities. The Company has developed a comprehensive program for implementing this Policy through appropriate guidance, training, certifications, oversight monitoring and investigations. The CCO or designee is responsible for administering this Policy.

CCO or designee - (i) giving advice on the interpretation and application of this Policy, (ii) supporting training and education, (iii) monitoring compliance with the Policy, (iv) providing periodic reporting to the Company’s Board of Directors, (v) responding to inquiries and reported concerns, and (vi) directing the due diligence process.

SUBSIDIARIES AND AFFILIATES

Company	Ownership Interest
ABU GmbH	24.8 %
A M Rail Group Limited	100 %
A M Signalling Design Limited	100 %
Annax GmbH	100 %
Annax Scheiz AG	100 %
Annax (Suzhou) Rail Systems Co., Ltd.	100 %
Ateliers Hubert Gerken S.A.	100 %
Austbreck Pty, Ltd.	100 %
Barber Steel Foundry Corp.	100 %
Bearward Engineering Limited	100 %
Becorit GmbH	100 %
Bloom China LLC	100 %
Bloom Combustion India Pvt Ltd.	100 %
Bloom Combustions (Shanghai) Co. Ltd	100 %
Bloom Engineering (Europa) GmbH	100 %
Bloom Engineering Company, Inc.	100 %
Bloom Engineering Holdings, Inc.	100 %
Brecknell Wills & Co., Ltd.	100 %
Cambridge Forming and Cutting Ltd.	100 %
Changzhou CRRC Wabtec Diesel Engine Company Limited	50 %
CoFren S.A.S.	100 %
CoFren S.r.l.	100 %
Datong Faiveley Railway Vehicle Equipment Co. Ltd.	50 %
Deptol Limited	100 %
Durox Company	100 %
East Erie Commercial Railroad	100 %
E-Carbon Asia Sdn. Bhd.	50 %
E-Carbon S.A.	100 %
Evand Pty Ltd.	100 %
Faiveley Transport Asia Pacific Ltd.	100 %
Faiveley Transport Australia Ltd.	100 %
Faiveley Transport Birkenhead Ltd.	100 %
Faiveley Transport Canada Inc.	100 %
Faiveley Transport Czech a.s.	100 %
Faiveley Transport Chile SpA.	100 %
Faiveley Transport Far East Ltd.	100 %
Faiveley Transport Holding GmbH & co. KG	100 %
Faiveley Transport Iberica SA	100 %
Faiveley Transport Italia SpA	100 %
Faiveley Transport Korea Ltd.	100 %
Faiveley Transport Metro Technology Shanghai Co. Ltd.	100 %
Faiveley Transport Metro Technology Taiwan Ltd.	100 %
Faiveley Transport Metro Technology Thailand Co. Ltd.	100 %
Faiveley Transport North America Inc.	100 %
Faiveley Transport Plezn s.r.o.	100 %
Faiveley Transport Polska z.o.o.	100 %
Faiveley Transport Rail Technologies India Private Limited	100 %
Faiveley Transport Railway Trading Co. Ltd.	100 %

Faiveley Transport SAS	France	100 %
Faiveley Transport Schwab AG	Switzerland	100 %
Faiveley Transport Schweiz AG	Switzerland	100 %
Faiveley Transport Service Maroc	Morocco	100 %
Faiveley Transport Systems Technology (Beijing) Co. Ltd.	China	100 %
Faiveley Transport Tamworth Ltd.	UK	100 %
Faiveley Transport Tours	France	100 %
Faiveley Transport USA Inc	South Carolina	100 %
Fanox Electronic, S.L.	Spain	100 %
Fanox Middle East Industrial Company	Saudi Arabia	100 %
F.I.P. Pty Ltd.	Australia	100 %
FIP Brakes South Africa (Proprietary) Limited	South Africa	100 %
Fandstan Electric Group, Ltd.	UK	100 %
Fandstan Electric, Ltd.	UK	100 %
F.T.M.T. Singapore Pte Ltd.	Singapore	100 %
Gerken Group S.A.	Belgium	100 %
Gerken SAS	France	100 %
GE Transportation, A Wabtec Company	Delaware	100 %
Graham White Manufacturing Company	Virginia	100 %
Huati Wabtec Faiveley (Qingdao) Transport Equipment Co., Ltd.	China	49 %
Hunan Times Wabtec Transportation Equipment Co., Ltd.	China	50 %
Industrea Chile S.A.	Chile	100 %
Industrea Hong Kong YL Limited	Hong Kong	100 %
Industrea Mining Equipment Pty Ltd.	Australia	100 %
Industrea Mining Technology Pty Ltd.	Australia	100 %
Industrea Pty Ltd.	Australia	100 %
Industrea Wadam Pty Ltd.	Australia	100 %
Jiaxiang HK Smart Technology Co. Ltd.	Hong Kong	100 %
JSC Lokomotiv Kurastyrz Zauyty	Kazakhstan	100 %
Karbometline s.r.o.	Slovakia	100 %
Keellex 351 Limited	UK	100 %
Komatsu Wabtec Mining Systems, LLC	Delaware	50 %
Kompozitum s.r.o.	Slovakia	100 %
L&M Industrial Radiators Sudamérica SpA.	Chile	100 %
L & M Radiator, Inc.	Minnesota	100 %
L & M Radiator PTY LTD.	Australia	100 %
L&M Radiator, Ltd.	Canada	100 %
LH Group Services Limited	UK	100 %
Limited Liability Company Transportation Ukraine	Ukraine	100 %
Locomotive Manufacturing and Services, S.A. de C.V.	Mexico	100 %
Longwood Elastomers, S.A.	Spain	100 %
Longwood Engineered Products, Inc.	Delaware	100 %
Longwood International, Inc.	Delaware	100 %
LWI Elastomers International, S.L.	Spain	100 %
LWI International B.V.	Netherlands	100 %
Medagao (Suzhou) Rubber-Metal Components Co., Ltd.	China	100 %
Melett (Changzhou) Precision Machinery Co. Limited	China	100 %
Melett Limited	UK	100 %
Melett North America, Inc.	Tennessee	100 %
Melett Polska Spolka z Ograniczoną odpowiedzialnością	Poland	100 %

Merz Industrietechnik GmbH	Austria	100 %
Metalocaucho, S.L.	Spain	100 %
Mors Smitt France S.A.S.	France	100 %
Mors Smitt Holding S.A.S.	Netherlands	100 %
Mors Smitt Technologies, Inc.	Connecticut	100 %
Mors Smitt UK Ltd.	UK	100 %
MorsSmitt Asia, Ltd.	Hong Kong	100 %
MotivePower, LLC	Delaware	100 %
MTC India Rubber Metal Components Private Limited	India	100 %
Napier Turbochargers Australia Pty Ltd.	Australia	100 %
Napier Turbochargers Limited	UK	100 %
Nordco Enterprises, Inc.	Delaware	100 %
Nordco Holding Company	Delaware	100 %
Nordco Holdings Inc.	Delaware	100 %
Nordco Inc.	Delaware	100 %
Nordco Rail Services, LLC	Connecticut	100 %
Nowe GmbH	Germany	100 %
o.o.o. Faiveley Transport	Russia	100 %
Orion Engineering Ltd.	China	100 %
Pantrac GmbH	Germany	100 %
Parts Supply Limited	England	100 %
Poli S.r.l.	Italy	100 %
Powerhouse Engine Solutions Holding GmbH	Switzerland	100 %
Powerhouse Engine Solutions Switzerland IP Holdings GmbH	Switzerland	100 %
Pride Bodies Ltd.	Canada	100 %
PT Transportation Solutions Indonesia	Indonesia	100 %
Qingdao Faiveley Sri Rail Brake Co. Ltd.	China	50 %
Railcar Management, LLC	Georgia	100 %
Railroad Controls Construction, Inc.	Texas	100 %
Railroad Friction Products Corporation	Delaware	100 %
RCLP Acquisition LLC	Texas	100 %
Relay Monitoring Systems Pty Ltd.	Australia	100 %
Relco Land Holdings of Cedar Rapids, LLC	Iowa	100 %
Relco Locomotives, Inc	Illinois	100 %
RFPC Holding Corp.	Delaware	100 %
Ricon Corp.	California	100 %
SAB Wabco (Investments) Ltd.	UK	100 %
SAB Wabco UK Ltd.	UK	100 %
SCT Europe Ltd.	UK	100 %
SCT Technology LLC	Delaware	100 %
Shenyang Wabtec Railway Brake Technology Company, Ltd.	China	50 %
Shijiazhuang Jiaxiang Precision Machinery Co. Ltd.	China	100 %
ShipXpress Technologies (Private) Limited	Sri Lanka	100 %
Shuttlewagon, Inc.	Delaware	100 %
Speer Carbon Company, LLC	Pennsylvania	20 %
Standard Car Truck-Asia, Inc.	China	100 %
Stemmann Polska SP Zoo	Poland	100 %
Stemmann-Technik GmbH	Germany	100 %
Stemmann-Technik Hong Kong Company Limited	China	100 %
Tehnika Pty Ltd	Australia	100 %

Transportation Eastern Europe S.r.l.	Moldova	100 %
Transportation Global Egypt L.L.C.	Egypt	100 %
Transportation Global LLC	Delaware	100 %
Transportation Holdings UK Limited	UK	100 %
Transportation IP Holdings, LLC	Delaware	100 %
Transportation Kazakhstan Limited Liability Partnership	Kazakhstan	100 %
Transportation Poland sp. z o.o	Poland	100 %
Transportation Rus Limited Liability Company	Russia	100 %
Transportation Services and Technologies Nigeria Ltd.	Nigeria	100 %
Transportation Systems and Services Cameroon Ltd.	Cameroon	100 %
Transportation Systems Pakistan (Private) Limited	Pakistan	100 %
Transportation Systems Services Operations Inc.	Nevada	100 %
TransTech of South Carolina, Inc.	Delaware	100 %
TRSP Systems and Services Kenya Ltd.	Kenya	100 %
TRSP Systems (Malaysia) SDN. BHD	Malaysia	100 %
Turbonetics Holdings, Inc.	Delaware	100 %
Vapor Ricon Europe Ltd.	UK	100 %
Wabtec Australia Pty. Limited	Australia	100 %
Wabtec (Beijing) Investment Co. Ltd.	China	100 %
Wabtec Brasil Fabricacao e Manutencao de Equipamentos Ltda.	Brazil	100 %
Wabtec Components LLC	Delaware	100 %
Wabtec Corporation	New York	100 %
Wabtec Canada, Inc.	Canada	100 %
Wabtec China Friction Holding Limited	China	100 %
Wabtec China Rail Products & Services Holding Limited	China	100 %
Wabtec Control Systems Pty Ltd.	Australia	100 %
Wabtec de Mexico, S. de R.L. de C.V.	Mexico	100 %
Wabtec Economic and Trading (Shanghai) Co., Ltd.	China	100 %
Wabtec Egypt for Commercial Agencies	Egypt	100 %
Wabtec Faiveley Nordic AB	Sweden	100 %
Wabtec Faiveley Rayli Sistemleri Ltd. Sti	Turkey	100 %
Wabtec Faiveley Turkey Ulaşım Sistemleri ve Hizmetleri AŞ	Turkey	100 %
Wabtec France S.A.S.	France	100 %
Wabtec FRG GmbH	Germany	100 %
Wabtec FRG Holdings GmbH & Co. KG	Germany	100 %
Wabtec Finance LLC	Delaware	100 %
Wabtec Germany GmbH	Germany	100 %
Wabtec Greenville Real Estate LLC	South Carolina	100 %
Wabtec Guinea Simandou - SARLU	Guinea	100 %
Wabtec Hauts-de-France	France	100 %
Wabtec Holding LLC	Delaware	100 %
Wabtec Holdings South Africa (Pty) Ltd.	South Africa	75 %
Wabtec India Industrial Private Limited	India	100 %
Wabtec International, Inc.	Delaware	100 %
Wabtec Locomotive Private Limited	India	75 %
Wabtec Manufacturing, LLC	Delaware	100 %
Wabtec Manufacturing Mexico S. de R.L. de C.V.	Mexico	100 %
Wabtec Manufacturing Solutions, LLC	Delaware	100 %
Wabtec Mozambique Limitada	Mozambique	100 %
Wabtec MZT AD Skopje	Macedonia	87 %

Wabtec Poland Sp. z.o.o.	Poland	100 %
Wabtec Netherlands B.V.	Netherlands	100 %
Wabtec Netherlands Holdings B.V.	Netherlands	100 %
Wabtec Railway Electronics Corporation	Canada	100 %
Wabtec Railway Electronics Holdings, LLC	Delaware	100 %
Wabtec Railway Electronics Manufacturing, Inc.	Delaware	100 %
Wabtec Railway Electronics, Inc.	Delaware	100 %
Wabtec Receivables LLC	Delaware	100 %
Wabtec (Shijiazhuang) Mining Equipment Co., Ltd.	China	100 %
Wabtec South Africa Proprietary Limited	South Africa	100 %
Wabtec South Africa Technologies (Pty) Ltd.	South Africa	100 %
Wabtec Texmaco Rail Private Limited	India	60 %
Wabtec (Tianjin) Electrification Technology Co., Ltd.	China	100 %
Wabtec Transportation Canada Inc.	Canada	100 %
Wabtec Transportation Egypt Services LLC	Egypt	100 %
Wabtec Transportation Engines Holding B.V.	Netherlands	100 %
Wabtec Transportation Global Holdings, LLC	Delaware	100 %
Wabtec Transportation GmbH	Germany	100 %
Wabtec Transportation Group Holdings Pty Ltd.	Australia	100 %
Wabtec Transportation Netherlands B.V.	Netherlands	100 %
Wabtec Transportation Netherlands Holdings B.V.	Netherlands	100 %
Wabtec Transportation Systems Co. Ltd.	China	100 %
Wabtec Transportation Systems Limited	England	100 %
Wabtec Transportation Systems, LLC	Delaware	100 %
Wabtec UK Holdings Limited	England	100 %
Wabtec UK Investments Limited	England	100 %
Wabtec UK Limited	UK	100 %
Wabtec US Rail, Inc.	Delaware	100 %
Wabtec-UWC Ltd.	Cyprus	51 %
Westinghouse Air Brake Technologies Corporation Political Action Committee	Delaware	100 %
Westinghouse Railway Holdings (Canada) Inc.	Canada	100 %
Xorail, Inc.	Florida	100 %
Zhongshan MorsSmitt Relay Ltd.	China	100 %

Guarantor Subsidiaries of Westinghouse Air Brake Technologies

The obligations under the Company's US Notes, the 2022 Credit Agreement and the 2024 Credit Agreement have been fully and unconditionally guaranteed by certain of the Company's U.S. subsidiaries. Each guarantor is 100% owned by the parent company, with the exception of GE Transportation, a Wabtec Company, which has 15,000 shares outstanding of Class A Non-Voting Preferred Stock held by General Electric Company. The Euro Notes are issued by Wabtec Netherlands and are fully and unconditionally guaranteed by the Company.

As of December 31, 2024:

The US Notes, 2022 Credit Agreement and 2024 Credit Agreement

Issuer: Westinghouse Air Brake Technologies Corporation

Guarantors: GE Transportation, a Wabtec Company

RFPC Holding Corp.

Transportation IP Holdings, LLC

Transportation Systems Services Operations Inc.

Wabtec Components, LLC

Wabtec Holding, LLC

Wabtec Railway Electronics Holdings, LLC

Wabtec Transportation Systems, LLC

The Euro Notes

Issuer: Wabtec Transportation Netherlands B.V.

Guarantor: Westinghouse Air Brake Technologies Corporation

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the following Registration Statements:

- (1) Registration Statement (Form S-8 No. 333-53753) pertaining to the 1998 Employee Stock Purchase Plan of Westinghouse Air Brake Technologies Corporation,
- (2) Registration Statement (Form S-8 No. 333-39159) pertaining to the 1997 Executive Retirement Plan of Westinghouse Air Brake Technologies Corporation,
- (3) Registration Statement (Form S-8 No. 333-02979) pertaining to the 1995 Non-Employee Directors' Fee and Stock Option Plan of Westinghouse Air Brake Technologies Corporation,
- (4) Registration Statement (Form S-8 No. 333-115014) pertaining to the 2004 Bonus Plan Agreements of Westinghouse Air Brake Technologies Corporation,
- (5) Registration Statement (Form S-8 No. 333-137985) pertaining to the 2000 Stock Incentive Plan of Westinghouse Air Brake Technologies Corporation,
- (6) Registration Statement (Form S-8 No. 333-41840) pertaining to the 2000 Stock Incentive Plan of Westinghouse Air Brake Technologies Corporation,
- (7) Registration Statement (Form S-8 No. 333-40468) pertaining to the 1995 Non-Employee Directors' Fee and Stock Option Plan of Westinghouse Air Brake Technologies Corporation,
- (8) Registration Statement (Form S-8 No. 333-35744) pertaining to the 2000 Savings Plan of Westinghouse Air Brake Technologies Corporation,
- (9) Registration Statement (Form S-8 No. 333-89086) pertaining to the 2002 Employee Stock Ownership Plan of Westinghouse Air Brake Technologies Corporation,
- (10) Registration Statement (Form S-8 No. 333-179857) pertaining to the 2011 Stock Incentive Plan of Westinghouse Air Brake Technologies Corporation,
- (11) Registration Statement (Form S-8 No. 219662) pertaining to the 1995 Non-Employee Directors' Fee and Stock Option Plan of Westinghouse Air Brake Technologies Corporation,
- (12) Registration Statement (Form S-8 No. 219663) pertaining to the 2011 Stock Incentive Plan of Westinghouse Air Brake Technologies Corporation,
- (13) Registration Statement (Form S-3 No. 333-231125) of Westinghouse Air Brake Technologies Corporation,
- (14) Registration Statement (Form S-3 No. 333-240166) of Westinghouse Air Brake Technologies Corporation,
- (15) Registration Statement (Form S-3 No. 333-248731) of Westinghouse Air Brake Technologies Corporation,
- (16) Registration Statement (Form S-8 No. 333-253256) pertaining to the 2011 Stock Incentive Plan (as Amended and Restated effective May 15, 2020) (as amended by Amendment Number One dated January 14, 2021) of Westinghouse Air Brake Technologies Corporation,
- (17) Registration Statement (Form S-3 No. 333-256296) of Westinghouse Air Brake Technologies Corporation, and
- (18) Registration Statement (Form S-3 No. 333-275386) of Westinghouse Air Brake Technologies Corporation;

of our reports dated February 12, 2025, with respect to the consolidated financial statements and schedule of Westinghouse Air Brake Technologies Corporation and the effectiveness of internal control over financial reporting of Westinghouse Air Brake Technologies Corporation included in this Annual Report (Form 10-K) of Westinghouse Air Brake Technologies Corporation for the year ended December 31, 2024.

/s/ Ernst & Young LLP

Pittsburgh, Pennsylvania

February 12, 2025

CERTIFICATION

I, Rafael Santana, certify that:

1. I have reviewed this annual report on Form 10-K of Westinghouse Air Brake Technologies Corporation.
2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report;
3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this annual report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this annual report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this annual report based on such evaluation; and
 - (d) Disclosed in this annual report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 12, 2025

By:	/s/ RAFAEL SANTANA
Name:	Rafael Santana
Title:	President and Chief Executive Officer

CERTIFICATION

I, John A. Olin, certify that:

1. I have reviewed this annual report on Form 10-K of Westinghouse Air Brake Technologies Corporation.
2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report;
3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this annual report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this annual report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this annual report based on such evaluation; and
 - (d) Disclosed in this annual report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 12, 2025

By: Name: Title:	<hr style="width: 100px; margin-bottom: 5px;"/> <i>/s/</i> JOHN A. OLIN John A. Olin Executive Vice President and Chief Financial Officer
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CERTIFICATION

Pursuant to 18 U.S.C. § 1350, the undersigned officers of Westinghouse Air Brake Technologies Corporation (the “*Company*”), hereby certify, to the best of their knowledge, that the Company’s Annual Report on Form 10-K for the year ended December 31, 2024 (the “*Report*”) fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934 and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

By: /s/ RAFAEL SANTANA
Rafael Santana
President and Chief Executive Officer

Date: February 12, 2025

By: /s/ JOHN A. OLIN
John A. Olin
Executive Vice President and Chief Financial Officer

Date: February 12, 2025