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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

Pursuant to Rule 13a-16 or 15d-16 under the  
Securities Exchange Act of 1934

For the month of December, 2024

Commission File Number: 001-38262

LOMA NEGRA COMPAÑÍA INDUSTRIAL ARGENTINA SOCIEDAD ANÓNIMA

*(Exact Name of Registrant as Specified in its Charter)*

LOMA NEGRA CORPORATION

*(Translation of Registrant's name into English)*

Cecilia Grierson 355, 4th Floor  
Zip Code C1107CPG – Capital Federal  
Republic of Argentina

*(Address of principal executive offices)*

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.  
Form 20-F ☒ Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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This Form 6-K for Loma Negra Compañía Industrial Argentina Sociedad Anónima (or the "Company") contains:

Exhibit 1: [Relevant Event](#)

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Loma Negra Compañía Industrial Argentina Sociedad Anónima

Date: December 17, 2024

|         |                         |
|---------|-------------------------|
| By: /s/ | Marcos I. Gradin        |
| Name:   | Marcos I. Gradin        |
| Title:  | Chief Financial Officer |



City of Buenos Aires, December 17<sup>th</sup>, 2024

Messrs.  
**Comisión Nacional de Valores (CNV)**

Messrs.  
**Bolsas y Mercados Argentinos S.A. (BYMA)**

Messrs.  
**Mercado Abierto Electrónico S.A. (MAE)**

**Ref.: LOMA NEGRA C.I.A.S.A. – Relevant Event**

Dear Sirs,

We are writing, in accordance with Section 11 of Chapter I, Title II and Section 2, Chapter I, Title XII of the Argentine securities regulator ("*Comisión Nacional de Valores*" or "*CNV*") Regulations (2013 revised version).

In this regard, we inform that by resolution of the Board of Directors of Loma Negra C.I.A.S.A. (the "Company") dated December 17, 2024 the implementation of new plans was approved within the incentive Company's programs in stocks (the "New Plans") in force and previously approved by the Board of Directors on February 12, 2021. Likewise, it is reported that the New Plans will be administered by the Company's Board of Directors. The New Plans' purpose is to allocate shares for the implementation of specific compensation programs or plans.

Under the New Plans, the eligible employees - provided that the permanence requirements and other conditions under the New Plans have been met – will be granted a certain defined amount of ordinary shares and/or American Depositary Receipts (ADRs) of the Company within a total period of 3 (three) years.

Sincerely,

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Marcos Isabelino Gradin  
**Investor Relations Officer**

