
**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 February, 2022

Commission File Number: 001-14946

CEMEX, S.A.B. de C.V.
(Translation of Registrant's name into English)

**Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre
San Pedro Garza García, Nuevo León, 66265 México**
(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):

Contents

CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) commenced on February 23, 2022 its stock repurchase program (the “Program”), which was approved at the annual general ordinary shareholders’ meeting held on March 25, 2021 (the “Meeting”). The Program allows CEMEX to repurchase up to U.S.\$500 million (or its equivalent in Mexican pesos) of CEMEX’s shares (or securities representing such shares) until CEMEX’s general ordinary shareholders’ meeting to be held on March 24, 2022.

On February 23, 2022, CEMEX repurchased 10 million CEMEX CPOs, at a weighted-average price of MXN\$10.5991 per CPO. The total amount of these CPO repurchases, excluding fees and value-added tax, was approximately MXN\$106 million (approximately U.S.\$5.2 million based on an exchange rate of MXN\$20.2435 to U.S.\$1.00 determined by Banco de México). CEMEX engaged Citibanamex Casa de Bolsa, S.A. de C.V., Casa de Bolsa, integrante del Grupo Financiero Citibanamex to execute these CPO repurchases.

As required under the laws of Mexico, any future repurchases of CEMEX CPOs by CEMEX under the Program will be announced no later than the end of the business day following the date on which such repurchases are made.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.
(Registrant)

Date: February 24, 2022

By: /s/ Rafael Garza
Name: Rafael Garza
Title: Chief Comptroller