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

FORM 6-K/A

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 or 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of March, 2020

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):

Explanatory Note

CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) is furnishing this Amendment on Form 6-K/A (this “Amendment”) to its Report on Form 6-K, furnished on March 20, 2020 (the “Original 6-K”), solely to correct certain information contained in the Original 6-K. The first sentence in the Original 6-K should read “CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) today informed the Mexican Stock Exchange that on March 20, 2020, CEMEX repurchased 28,258,235 CEMEX CPOs,” and not “CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) today informed the Mexican Stock Exchange that on March 19, 2020, CEMEX repurchased 28,258,235 CEMEX CPOs,” Except as specifically described in this explanatory note, this Amendment does not amend, modify or update any disclosures contained in the Original 6-K, including with respect to any events occurring after the furnishing of the Original 6-K.

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: March 20, 2020

By: /s/ Rafael Garza

Name: Rafael Garza

Title: Chief Comptroller