UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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 May, 2024

Commission File Number 001-37928

ChipMOS TECHNOLOGIES INC.

(Translation of Registrant's Name Into English)

No. 1, R&D Rd. 1, Hsinchu Science Park Hsinchu, Taiwan Republic of China (Address of Principal Executive Offices)

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

| Form | 20-F | X | Form | 40-F | |
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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):

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.

Dated: May 10, 2024

ChipMOS TECHNOLOGIES INC. (Registrant)

By: /S/ S. J. Cheng

Name: S. J. Cheng

Title: Chairman & President

EXHIBIT INDEX

 Exhibit Number
 Description

 99.1
 ChipMOS TECHNOLOGIES INC. 2023 Annual Report