UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

AMENDMENT NO. 1

FORM F-3

REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933

ARQIT QUANTUM INC.

(Exact Name of Registrant as Specified in Its Charter)

Cavman Islands

(State or other jurisdiction of incorporation or organization)

Not applicable

(I.R.S. Employer Identification Number)

Arqit Quantum Inc.
1st Floor, 3 Orchard Place
London SW1H 0BF
United Kingdom
Telephone: +44 203 91 70155
(Address and telephone number of Registrant's principal executive offices)

Arqit Inc. 1209 Orange Street Wilmington, DE 19801 Telephone: (302) 658-7581 (Name, address, and telephone number of agent for service)

Copies of all correspondence to:

Monica Holden Daniel Turgel White & Case LLP 5 Old Broad Street London EC2N 1DW United Kingdom Tel: (+44) (0) 20 7532 1000

Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. \square

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box. ⊠

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. \Box

If this Form is a registration statement pursuant to General Instruction I.C. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. \Box

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.C. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. \Box

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933.

Emerging growth company ⊠

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, 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 7(a)(2)(B) of the Securities Act. \Box

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, pursuant to said Section 8(a), may determine.

The term "new or revised financial accounting standard" refers to any update issued by the Financial Accounting Standards Board to its Accounting Standards Codification after April 5, 2012.

EXPLANATORY NOTE

This Amendment No. 1 is being filed solely for the purpose of updating the signature page set forth in Part II of the Registration Statement. No other changes have been made to the Registration Statement other than this explanatory note, as well as revised versions of the cover page and exhibit index of the Registration Statement. This Amendment No. 1 does not contain a copy of the prospectus included in the Registration Statement, which remains unchanged from the Registration Statement filed on August 29, 2025.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 8. Indemnification of Directors and Officers

Cayman Islands law does not limit the extent to which a company's memorandum and articles of association may provide for indemnification of officers and directors, except where any such provision may be held by the Cayman Islands courts to be contrary to public policy, such as to provide indemnification against willful default, willful neglect, actual fraud or the consequences of committing a crime. The Company's memorandum and articles of association permit indemnification of officers and directors to the maximum extent permitted by law, including for any liability incurred in their capacities as such, except through their own actual fraud, willful default or willful neglect.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers or persons controlling us under the foregoing provisions, we have been informed that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

Item 9. Exhibits and Financial Statement Schedules

Exhibit No.	Description
3.1*	Amended and Restated Memorandum and Articles of Association of the Company, incorporated by reference to Exhibit 3.1 to the Company's Registration Statement on Form F-3, filed with the SEC on January 17, 2025.
4.1*	Specimen ordinary share certificate of the Company, incorporated by reference to Exhibit 2.1 to the Company's Annual Report on Form 20-F, filed with the SEC on December 5, 2024.
4.2*	Form of Warrant issued in September 2023 pursuant to a registered direct offering, incorporated by reference to Exhibit 4.1 to the Registrant's Report on Form 6-K filed with the SEC on September 11, 2023.
4.3*	Form of Warrant issued in September 2024 pursuant to a registered direct offering, incorporated by reference to Exhibit 4.1 to the Registrant's Report on Form 6-K filed with the SEC on October 1, 2024.
5.1*	Opinion of Maples and Calder (Cayman) LLP as to validity of ordinary shares.
10.1*	Form of Securities Purchase Agreement dated September 8, 2023, incorporated by reference to Exhibit 10.1 to the Registrant's Report on Form 6-K filed with the SEC on September 11, 2023.
10.2*	Form of Securities Purchase Agreement dated September 30, 2024, incorporated by reference to Exhibit 10.1 to the Registrant's Report on Form 6-K fill ed with the SEC on October 1, 2024.
23.1*	Consent of PKF Littlejohn LLP, independent registered public accounting firm of the Company.
23.2*	Consent of Maples and Calder (Cayman) LLP (included in Exhibit 5.1).
24.1*	Power of Attorney (included on the signature page hereto).
107*	Filing Fee Table.

^{*} Previously filed.

Item 10. Undertakings

The undersigned registrant, hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended;

- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

provided, however, that paragraphs (1)(i), (1)(ii) and (1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) To file a post-effective amendment to the registration statement to include any financial statements required by Item 8.A of Form 20-F at the start of any delayed offering or throughout a continuous offering. Financial statements and information otherwise required by Section 10(a)(3) of the Securities Act need not be furnished, provided that the registrant includes in the prospectus, by means of a post-effective amendment, financial statements required pursuant to this paragraph (a) (4) and other information necessary to ensure that all other information in the prospectus is at least as current as the date of those financial statements. Notwithstanding the foregoing, a post-effective amendment need not be filed to include financial statements and information required by Section 10(a)(3) of the Securities Act or Item 8.A of Form 20-F if such financial statements and information are contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the Form F-3.
- (5) That, for the purpose of determining liability under the Securities Act to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.
- (6) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities

are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
- (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
- (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Insofar as indemnification for liabilities arising under the Securities may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in London, United Kingdom, on September 15, 2025.

ARQIT QUANTUM INC.

By: /s/ Andrew Leaver

Name: Andrew Leaver

Title: Chief Executive Officer and Director

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed below by the following persons on September 15, 2025 in the capacities indicated.

NAME	POSITION
/s/ Andrew Leaver Andrew Leaver	Director and Chief Executive Officer
/s/ Nick Pointon Nick Pointon	Chief Financial Officer (Principal Financial and Accounting Officer)
* Carlo Calabria	— Director
* Stephen Chandler	— Director
* Manfredi Lefebvre d'Ovidio	— Director
*	— Director
* Nicola Barbiero	— Director
* /s/ Andrew Leaver Andrew Leaver Attorney-In-Fact	_

AUTHORIZED REPRESENTATIVE

Pursuant to the requirement of the Securities Act of 1933, as amended, the undersigned, the duly authorized representative in the United States of Arqit Quantum Inc. has signed this registration statement on September 15, 2025.

ARQIT INC.

By: /s/ Patrick Willcocks

Name: Patrick Willcocks

Title: Authorized Representative