

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
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1. Name and Address of Reporting Person* Coleman Peter John	2. Date of Event Requiring Statement (Month/Day/Year) 01/04/2024	3. Issuer Name and Ticker or Trading Symbol Arcadium Lithium plc [ALTM]
(Last) (First) (Middle) SUITE 12, GATEWAY HUB SHANNON AIRPORT HOUSE		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner Officer Other (give title below) (specify below)
(Street) SHANNON L2 V14 E370		5. If Amendment, Date of Original Filed (Month/Day/Year)
(City) (State) (Zip)		6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I – Non-Derivative Securities Beneficially Owned			
1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

Table II – Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)					
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Explanation of Responses:

Remarks:

Exhibit List - Exhibit 24 - Power of Attorney

No securities are beneficially owned.

/s/ Sara Ponessa, as Attorney-in-Fact

** Signature of Reporting Person

01/04/2024

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

**LIMITED POWER OF ATTORNEY
FOR SECTION 16 REPORTING OBLIGATIONS**

KNOW ALL BY THESE PRESENTS, that the undersigned hereby constitutes and appoints each of Sara Ponessa, General Counsel, and Alicia Markmann, Chief Human Resources Officer, each acting alone and with full power of substitution, as the undersigned's true and lawful attorney-in-fact to:

- 1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director and/or beneficial owner and a Section 16 reporting person of Arcadium Lithium plc, a public limited company incorporated under the laws of the Bailiwick of Jersey (the "Company"), Forms 3, 4, and 5, including any amendments thereto, in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder;
- 2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority;
- 3) prepare and submit documents such as an Application for EDGAR Access (Form ID) or other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC; and
- 4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of each such attorney-in-fact named herein, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each of the aforementioned attorneys-in-fact full power and authority to act separately and to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present with full power of substitution or revocation, hereby ratifying and confirming all that either such attorney-in-fact or the substitute or substitutes of any of such attorney-in-fact, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that each of the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, (i) any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended, or Rule 144 of the Securities Act of 1933, as amended, and the rules and regulations thereunder or (ii) any liability of the undersigned for failure to comply with such requirements. The undersigned agrees that each such attorney-in-fact may rely entirely on information furnished orally or in writing by or at the direction of the undersigned to the attorney-in-fact.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. Notwithstanding the foregoing, if any such attorney-in-fact named herein ceases to be an employee of the Company, this Power of Attorney shall be automatically revoked solely as to such individual, immediately upon such cessation, without any further action on the part of the undersigned.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 4th day of January, 2024.

/s/ Peter Coleman
Peter Coleman
