

**FORM 4**

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <b>BARRY MICHAEL F 0001238141</b>			2. Issuer Name and Ticker or Trading Symbol <b>Arcadium Lithium plc [ ALTM ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <b>X</b> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>03/07/2024</b>			6. Individual or Joint/Group Filing (Check Applicable Line) <b>X</b> Form filed by One Reporting Person Form filed by More than One Reporting Person		
C/O SUITE 12, GATEWAY HUB SHANNON AIRPORT HOUSE			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <b>SHANNON L2 V14 E370</b>								
(City) (State) (Zip)								

**Table I – Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Ordinary Shares	03/07/2024		A		14,798 <sup>(1)</sup>	A	(1)	97,744	D	

**Table II – Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				

**Explanation of Responses:**

1. Reflects the grant of restricted stock units (RSUs) with respect to ordinary shares of the Issuer under the Issuer's Omnibus Incentive Plan (the "Plan"). The RSUs are scheduled to vest in full on the earliest of (i) the first anniversary of the date of grant, (ii) the date of the annual shareholders' meeting that next follows the grant date, or (iii) a change in control, subject to the terms of the Plan and the applicable award agreement issued thereunder.

**Remarks:**

/s/ Sara Ponessa, as attorney-in-fact

\*\* Signature of Reporting Person

03/11/2024

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 4(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.