## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## 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

OMB	APF	PRO	VAL
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(Last) (First) (Middle)			2. Issuer Name and Ticker or Trading Symbol Arcadium Lithium plc [ALTM]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
			-		Director	10% Owner			
		(Middle)		_	Officer (give title below)	Other (specify below)			
			3. Date of Earliest Transaction (Month/Day/Year) 03/07/2024						
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individ	6. Individual or Joint/Group Filing (Check Applicable Line)				
SHANNON	L2	V14 E370		X	Form filed by One Reporting P Form filed by More than One F				
(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	on Date, Code (Instr. 8) (		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	Direct (D) or Indirect	7. Nature of Indirect Beneficial		
		(Month/Day/Year)	Code	V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		Ownership (Instr. 4)		
Ordinary Shares	03/07/2024		A		14,798 <sup>(1)</sup>	Α	(1)	105,798	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)	nstr. 2. Conversion Date (Month/Day/Year) 3A. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) 4. Transaction Code (Instr. 8) 5. Number of Derivative Securities Acqui (A) or Disposed (D) (Instr. 3, 4 and 5)		e s Acquired sposed of	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	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	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)		

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:

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.

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

## \*\* Signature of Reporting Person

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.

Date