

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

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 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* Antoniazzi Gilberto 0001752661			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 <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CFO, VP & Treasurer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/04/2024					
C/O SUITE 12, GATEWAY HUB SHANNON AIRPORT HOUSE			4. If Amendment, Date of Original Filed (Month/Day/Year) 01/08/2024			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
(Street)								
SHANNON	L2	V14 E370						
(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			

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	Title	Amount or Number of Shares				
Stock Option (Right to Buy) ⁽¹⁾	\$3.92	01/04/2024		A		28,246 ⁽²⁾		02/27/2018	02/27/2025	Ordinary Shares	28,246	(2)	28,246	D	
Stock Option (Right to Buy) ⁽¹⁾	\$3.45	01/04/2024		A		41,715 ⁽²⁾		02/27/2020	02/27/2027	Ordinary Shares	41,715	(2)	41,715	D	
Stock Option (Right to Buy) ⁽¹⁾	\$5.1	01/04/2024		A		24,849 ⁽²⁾		02/15/2021	02/15/2028	Ordinary Shares	28,849	(2)	28,849	D	

Stock Option (Right to Buy) ⁽¹⁾	\$7.07	01/04/2024		A		103,113 ⁽²⁾		10/10/2021	10/10/2028	Ordinary Shares	103,113	(2)	103,113	D	
Stock Option (Right to Buy) ⁽¹⁾	\$7.07	01/04/2024		A		103,116 ⁽²⁾		10/10/2022	10/10/2028	Ordinary Shares	103,116	(2)	103,116	D	

Explanation of Responses:

1. The original Form 4, filed on January 8, 2024, is being amended by this Form 4 amendment to correct an error which omitted these tranches from the list of stock options to purchase common stock of Livent Corporation ("Livent"), par value \$0.001 per share ("Livent Options") beneficially owned by the reporting person as of January 4, 2024 and converted in accordance with the terms of the Transaction Agreement, dated as of May 10, 2023, by and between Livent, Allkem Limited ("Allkem"), Lightning-A Merger Sub, Inc. and Arcadium, providing for a combination of Livent and Allkem in a merger of equals transaction (as amended, the "Transaction Agreement")

2. Represents the conversion of Livent Options into stock options to purchase ordinary shares of Arcadium Lithium plc ("Arcadium"), par value \$1.00 per share ("Arcadium Options"), in accordance with the terms of the Transaction Agreement, in connection with the merger of equals transaction.

Remarks:

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

01/12/2024

** Signature of Reporting Person

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.