

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Address of Reporting Person* <u>Haggstrom Johanna</u> (Last) (First) (Middle) 8045 LAMON AVENUE, SUITE 400 (Street) SKOKIE IL 60077 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LanzaTech Global, Inc. [LNZA]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below) _____ X VP, Chemicals & HC Fuels Tech
	3. Date of Earliest Transaction (Month/Day/Year) 02/08/2023	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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
Stock Options	\$1.09	02/08/2023		A		10,000		(1)	04/19/2031	Common Stock	43,746	(3)	10,000	D	
Stock Options	\$3.15	02/08/2023		A		5,000		(2)	12/24/2031	Common Stock	21,873	(3)	5,000	D	

Explanation of Responses:

- 50% of the options are vested and exercisable, 25% vests on each of September 18, 2023 and September 18, 2024.
- 25% of the options vested on on December 24, 2022, the remaining options vest monthly thereafter over 36 months.
- On February 8, 2023, AMCI Acquisition Corp. II ("AMCI") consummated a business combination (the "Business Combination") by and among AMCI, AMCI Merger Sub, Inc., a Delaware corporation ("AMCI Merger Sub") and LanzaTech NZ, Inc., a Delaware corporation ("Legacy LanzaTech"), AMCI changed its name to "LanzaTech Global, Inc." and AMCI Merger Sub merged with and into Legacy LanzaTech. As part of the Business Combination, each Legacy LanzaTech stock option was exchanged for a stock option to acquire 4.374677 shares of common stock of LanzaTech Global, Inc.

/s/ Joseph Blasko, as Attorney-in-Fact 02/10/2023

** 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.

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