

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

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

<p>1. Name and Address of Reporting Person*</p> <p><u>Stefan Constantin Ionel</u></p> <hr/> <p>(Last) (First) (Middle)</p> <p><u>C/O AMPRIUS TECHNOLOGIES, INC.,</u></p> <p><u>1180 PAGE AVENUE</u></p> <hr/> <p>(Street)</p> <p><u>FREMONT</u> <u>CA</u> <u>94538</u></p> <hr/> <p>(City) (State) (Zip)</p>	<p>2. Issuer Name and Ticker or Trading Symbol</p> <p><u>Amprius Technologies, Inc.</u> [AMPX]</p> <hr/> <p>3. Date of Earliest Transaction (Month/Day/Year)</p> <p><u>01/28/2026</u></p> <hr/> <p>4. If Amendment, Date of Original Filed (Month/Day/Year)</p>	<p>5. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <table border="0"> <tr> <td><input type="checkbox"/></td> <td>Director</td> <td><input type="checkbox"/></td> <td>10% Owner</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Officer (give title below)</td> <td><input type="checkbox"/></td> <td>Other (specify below)</td> </tr> <tr> <td></td> <td colspan="3"><u>Chief Technology Officer</u></td> </tr> </table> <hr/> <p>6. Individual or Joint/Group Filing (Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person</p> <p><input type="checkbox"/> Form filed by More than One Reporting Person</p>	<input type="checkbox"/>	Director	<input type="checkbox"/>	10% Owner	<input checked="" type="checkbox"/>	Officer (give title below)	<input type="checkbox"/>	Other (specify below)		<u>Chief Technology Officer</u>		
<input type="checkbox"/>	Director	<input type="checkbox"/>	10% Owner											
<input checked="" type="checkbox"/>	Officer (give title below)	<input type="checkbox"/>	Other (specify below)											
	<u>Chief Technology Officer</u>													

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			
Common stock	01/28/2026		M ⁽¹⁾		90	A	\$0.62	748,786 ⁽²⁾	D	
Common stock	01/28/2026		M ⁽¹⁾		39,600	A	\$0.05	788,386 ⁽²⁾	D	
Common stock	01/28/2026		S ⁽¹⁾		39,690	D	\$12.0018 ⁽³⁾	748,696 ⁽²⁾	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	Title	Amount or Number of Shares				
Stock Option (right to buy)	\$0.62	01/28/2026		M ⁽¹⁾			90	10/23/2024	03/15/2027	Common stock	90	\$0	0	D	
Stock Option (right to buy)	\$0.05	01/28/2026		M ⁽¹⁾			39,600	09/14/2022	03/15/2027	Common stock	39,600	\$0	0	D	

Explanation of Responses:

1. The exercises and sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 11, 2025.
2. Includes 585,697 restricted stock units, each of which represents a contingent right to receive one share of the issuer's common stock, subject to the applicable vesting schedule and conditions of each restricted stock unit.
3. The price reported in Column 4 is an average execution price. These shares were sold in multiple transactions at prices ranging from \$12.00 to \$12.02, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.

Remarks:

/s/ Ricardo C. Rodriguez, attorney-
in-fact on behalf of Constantin 01/30/2026
Ionel Stefan

** 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.