

OMB APPROVAL	
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**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).

1. Name and Address of Reporting Person* <u>Narayan Ramani</u>  (Last) (First) (Middle) 4201 WOODLAND ROAD POST OFFICE BOX 69  (Street) CIRCLE PINES MN 55014-0000  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>NORTHERN TECHNOLOGIES INTERNATIONAL CORP [ NTIC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/29/2022	
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			
Common Stock	09/29/2022		M		8,000	A	\$6.7	71,000	D	
Common Stock	09/29/2022		M		8,000	A	\$9.175	79,000	D	
Common Stock	09/29/2022		M		11,737	A	\$10.8	90,737	D	
Common Stock	09/29/2022		M		16,026	A	\$8.24	106,763	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
Stock Option (right to buy)	\$6.7	09/29/2022		M			8,000	(1)	08/31/2026	Common Stock	8,000	\$0	0	D	
Stock Option (right to buy)	\$9.175	09/29/2022		M			8,000	(2)	08/31/2027	Common Stock	8,000	\$0	0	D	
Stock Option (right to buy)	\$10.8	09/29/2022		M			11,737	(3)	08/31/2029	Common Stock	11,737	\$0	0	D	
Stock Option (right to buy)	\$8.24	09/29/2022		M			16,026	(4)	08/31/2030	Common Stock	16,026	\$0	0	D	

**Explanation of Responses:**

- This option fully vested on September 1, 2017.
- This option fully vested on September 1, 2018.
- This option fully vested on September 1, 2020.
- This option fully vested on September 1, 2021.

/s/ Matthew C. Wolsfeld -  
Attorney-in-fact

10/03/2022

\*\* 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.