

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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>FORBES CHRISTOPHER</u> (Last) (First) (Middle) 303 GEORGE STREET SUITE 420 (Street) NEW BRUNSWICK NJ 08901 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SENESCO TECHNOLOGIES INC [SNT]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 02/19/2009	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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	02/19/2009		P		882,381	A	\$0 ⁽¹⁾	3,044,180	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				
Common Stock Warrant	\$1.01	02/19/2010		P		510,676		02/19/2010	06/30/2012	Common Stock	510,676	\$0 ⁽¹⁾	1,129,399	D	
Common Stock Warrant	\$1.01	02/19/2010		P		851,123		02/19/2010	12/20/2012	Common Stock	851,123	\$0 ⁽¹⁾	1,980,522	D	
Common Stock Warrant	\$1.01	02/19/2010		P		567,416		02/19/2010	06/30/2013	Common Stock	567,416	\$0 ⁽¹⁾	2,547,938	D	
Common Stock Warrant	\$0.83	02/19/2010		P		851,123		02/19/2010	12/20/2012	Common Stock	851,123	\$0 ⁽¹⁾	3,399,061	D	
Common Stock Warrant	\$0.83	02/19/2010		P		567,416		02/19/2010	06/30/2013	Common Stock	567,416	\$0 ⁽¹⁾	3,966,477	D	
Convertible Debenture Due 12/31/2010	\$0.22 ⁽²⁾	02/19/2010		P		\$3,404,495		02/19/2010	12/31/2010	Common Stock	15,156,574	\$0 ⁽¹⁾	15,156,574	D	

Explanation of Responses:

- Mr. Forbes entered into agreements to purchase an aggregate of 882,381 shares of common stock, 3,347,754 common stock warrants and \$3,404,495 of convertible debentures. The total purchase price was \$606,000, which was not allocated among the various components.
- The conversion rate used is the rate that the convertible debentures may convert at as of February 19, 2010. However, the conversion rate may change as the convertible debentures convert at a floating conversion rate equal to the lower of \$0.83, subject to adjustment, or 80% of the lowest daily VWAP for the five day period immediately preceding the conversion date.

Christopher Forbes

02/23/2010

** 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.