

Browne Leslie J
Form 3
May 27, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting
Person *

Â Browne Leslie J
(Last) (First) (Middle)

303 GEORGE
STREET,Â SUITE 420

(Street)

NEW
BRUNSWICK,Â NJÂ 08901

(City) (State) (Zip)

2. Date of Event Requiring
Statement

(Month/Day/Year)
05/25/2010

3. Issuer Name **and** Ticker or Trading Symbol
SENESCO TECHNOLOGIES INC [SNT]

4. Relationship of Reporting
Person(s) to Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer ____ Other
(give title below) (specify below)
President and CEO

5. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group
Filing(Check Applicable Line)
X Form filed by One Reporting
Person
____ Form filed by More than One
Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

2. Amount of Securities
Beneficially Owned
(Instr. 4)

3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially
owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and
Expiration Date
(Month/Day/Year)

Date
Exercisable

Expiration
Date

3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Title Amount or
Number of
Shares

4. Conversion
or Exercise
Price of
Derivative
Security

5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect
(I)

6. Nature of Indirect
Beneficial
Ownership
(Instr. 5)

(Instr. 5)

Common Stock Option	05/25/2011	05/25/2020	Common Stock	1,000,000 <u>(1)</u>	\$ 0.55	D	Â
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Browne Leslie J 303 GEORGE STREET SUITE 420 NEW BRUNSWICK, NJ 08901	Â	Â	Â President and CEO	Â

Signatures

Leslie J. Browne 05/27/2010

Signature of
Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (1) Twentyfive percent of such options become exercisable one year after the date of grant, with 1/36 of such remaining options becoming exercisable each month thereafter.

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Remarks:

Dr.Â BrowneÂ wasÂ appointedÂ PresidentÂ andÂ CEOÂ ofÂ theÂ CompanyÂ onÂ MayÂ 25,Â 2010

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.