

SENESCO TECHNOLOGIES INC  
 Form 4  
 June 16, 2014

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
 Estimated average burden hours per response... 0.5

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

**STATEMENT OF CHANGES IN 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 \*  
 SMIDER VAUGHN

2. Issuer Name and Ticker or Trading Symbol  
 SENESCO TECHNOLOGIES INC  
 [SNTI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 11099 NORTH TORREY PINES ROAD, SUITE 230  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 06/13/2014

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 See Remarks

LA JOLLA, CA 92037

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

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

(City) (State) (Zip)

**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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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

**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.**

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date	7. Title and Am Underlying Sec
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	A N S
Series FA Warrants	\$ 3	06/13/2014	D <sup>(1)</sup>		242,563		05/16/2014	06/16/2014	Common Stock	2
Series FA Warrants	\$ 3	06/13/2014	D <sup>(1)</sup>		7,411		05/16/2014	06/16/2014	Common Stock	
Series FA Warrants	\$ 3	06/13/2014	A <sup>(1)</sup>	242,563			06/13/2014	12/16/2014	Common Stock	2
Series FA Warrants	\$ 3	06/13/2014	A <sup>(1)</sup>	7,411			06/13/2014	12/16/2014	Common Stock	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SMIDER VAUGHN 11099 NORTH TORREY PINES ROAD SUITE 230 LA JOLLA, CA 92037	X		See Remarks	

## Signatures

/s/ Vaughn  
Smider

06/16/2014

Signature of Reporting Person

Date

## Explanation of Responses:

- \* 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).
- (1) The reported transactions involved an amendment of outstanding warrants, resulting in the deemed cancellation of the "old" warrants and the issuance of replacement warrants.
- (2) Such warrants were issued to Smider Biomed, which is controlled by Dr. Smider.

### Remarks:

Chief Scientific Officer and Acting Chief Executive Officer

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.