

SENESCO TECHNOLOGIES INC  
Form SC 13G  
December 19, 2013

**SECURITIES AND EXCHANGE COMMISSION**

**WASHINGTON, D.C. 20549**

**SCHEDULE 13G**

**(Rule 13d-102)**

**Under the Securities Exchange Act of 1934**

**INFORMATION TO BE INCLUDED IN STATEMENTS PURSUANT TO RULES**

**13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)**

**(Amendment No. \*)\***

**Senesco Technologies Inc.**  
(Name of Issuer)

**COMMON STOCK**  
(Title of Class of Securities)

**817208507**  
(CUSIP Number)

**12/13/2013**  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed.

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 817208507

**SCHEDULE 13G Page 2 of 5 Pages**

NAMES OF REPORTING PERSONS:

**1**                    **FROST GAMMA INVESTMENTS  
TRUST**

CHECK THE APPROPRIATE BOX IF  
A MEMBER OF A GROUP (SEE  
**2**                    INSTRUCTIONS):

- (a)
- (b)

**3**                    SEC USE ONLY:

**4**                    CITIZENSHIP OR PLACE OF  
ORGANIZATION:

**United States**

SOLE VOTING POWER:

**5**  
**495,241(1)**

**NUMBER OF  
SHARES**                    SHARED VOTING POWER:

**BENEFICIALLY 6  
OWNED BY**                **0**

**EACH**                    SOLE DISPOSITIVE POWER:

**REPORTING**                **7**  
**PERSON**                    **495,241(1)**

**WITH:**                    SHARED DISPOSITIVE POWER:  
**8**  
**0**

**9**                    AGGREGATE AMOUNT  
BENEFICIALLY OWNED BY EACH  
REPORTING PERSON:

**495,241 (1)**

**10**                    CHECK IF THE AGGREGATE  
AMOUNT IN ROW (9) EXCLUDES

CERTAIN SHARES (SEE  
INSTRUCTIONS):

0

**11** PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9):

**9.9% (2)**

**12** TYPE OF REPORTING PERSON (SEE  
INSTRUCTIONS):

**OO**

(1) Includes 333,333 shares of Common Stock held by Frost Gamma Investments Trust, of which Dr. Phillip Frost is the trustee. In addition Frost Gamma Investments Trust holds Warrants to purchase 999,999 shares of common stock subject to the blocker provisions discussed below. The terms of the Warrants include a blocker provision under which the reporting person can only exercise the Warrants to a point where it would beneficially own a maximum of 9.99% of the Company's outstanding shares (the "Blocker"). Therefore, the reporting person is only disclosing beneficial ownership of 9.99% of the Company's outstanding shares as of December 13, 2013.

(2) If not for the Blocker, the reporting person would own in excess of 9.99% of the outstanding shares of common stock, based upon 4,957,375 shares outstanding as of December 13, 2013.

CUSIP No. **817208507**

**SCHEDULE 13G Page 3 of 5 Pages**

**Item 1(a). Name of Issuer.** Senesco Technologies, Inc.

**Item 1(b). Address of Issuer's Principal Executive Offices.**

721 Route 202/206, Suite 130  
Bridgewater, NJ 08807

**Item 2(a). Name of Person Filing.**

Frost Gamma Investments Trust

**Item 2(b). Address of Principal Business Office or, if None, Residence.**

4400 Biscayne Boulevard  
Miami, FL 33137

**Item 2(c). Citizenship.**

United States

**Item 2(d). Title of Class of Securities.**

Common Stock

**Item 2(e). CUSIP Number.**

**817208507**

**Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), identify the status of the person filing.**

Not Applicable

**Item 4. Ownership.**

See Item 5 through 9 and 11 of cover page.

CUSIP No. 817208507

SCHEDULE 13G Page 4 of 5 Pages

**Item 5. Ownership of Five Percent or Less of a Class.**

If this Statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. £

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.**

Not Applicable

**Item 8. Identification and Classification of Members of the Group.**

Not Applicable

**Item 9. Notice of Dissolution of Group.**

Not Applicable

**Item 10. Certification.**

Not Applicable

CUSIP No. **817208507**

**SCHEDULE 13G Page 5 of 5 Pages**

**SIGNATURES**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

December 19, 2013 Frost Gamma Investments Trust

/s/ Phillip Frost, MD  
By: Phillip Frost, MD  
Title: Trustee