

Advanced Emissions Solutions, Inc.  
 Form 4  
 January 04, 2017

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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).

**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 \*  
 Sjostrom Sharon

2. Issuer Name and Ticker or Trading Symbol  
 Advanced Emissions Solutions, Inc.  
 [ADES]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
X Officer (give title below) \_\_\_ Other (specify below)  
 Chief Product Officer

(Last) (First) (Middle)  
 9135 S. RIDGELINE BLVD.,  
 SUITE 200, C/O ADVANCED  
 EMISSIONS SOLUTIONS, INC.  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 01/02/2017

HIGHLANDS RANCH, CO 80129  
 (City) (State) (Zip)

4. 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 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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	01/02/2017		F	359 <sup>(1)</sup> D	\$ 9.24	66,346	D
Common Stock	01/02/2017		F	528 <sup>(2)</sup> D	\$ 9.24	65,818	D
Common Stock	01/02/2017		F	70 <sup>(3)</sup> D	\$ 9.24	65,748 <sup>(4)</sup>	D

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**

SEC 1474 (9-02)

required to respond unless the form displays a currently valid OMB control number.

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

Sjostrom Sharon  
9135 S. RIDGELINE BLVD., SUITE 200  
C/O ADVANCED EMISSIONS SOLUTIONS, INC.  
HIGHLANDS RANCH, CO 80129

Chief Product Officer

## Signatures

/s/ Sharon  
Sjostrom

01/04/2017

\*\*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) Represents the shares withheld to satisfy the minimum statutory tax withholding obligations upon the vesting of 964 shares issued under the issuer's Amended and Restated 2007 Equity Incentive Plan, as amended (the "2007 Plan"), pursuant to the 2014 Long Term Incentive Plan.
- (2) Represents the shares withheld to satisfy the minimum statutory tax withholding obligations upon the vesting of 1,418 shares issued under the 2007 Plan, pursuant to the 2015 Long Term Incentive Plan.
- (3) Represents the shares withheld to satisfy the minimum statutory tax withholding obligations upon the vesting of 189 shares issued under the 2007 Plan, pursuant to the 2015 Long Term Incentive Plan.
- (4) Of the amount shown, 16,532 shares are held in the qualified pension plan account of the reporting person and 21,609 shares are restricted stock (not fully vested and subject to forfeiture or certain repurchase rights, as applicable, under the 2007 Plan).

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

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