

Advanced Emissions Solutions, Inc.  
 Form 4  
 May 12, 2016

**FORM 4**

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

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).

**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 \*  
 Amrhein Christine B.

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

9135 S. RIDGELINE BLVD.,  
 SUITE 200, C/O ADVANCED  
 EMISSIONS SOLUTIONS, INC.

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 05/10/2016

\_\_\_\_ Director  
 Officer (give title below)  
 \_\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)  
 General Counsel

(Street)  
 HIGHLANDS RANCH, CO 80129

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	05/10/2016		A		10,000 (1)	A	\$ 7.74 (2)
Common Stock					26,742 (3)	D	
Common Stock					30,994	I	By Spouse

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

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SEC 1474  
 (9-02)

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 Following Reporting Transaction (Instr. 6)
				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
Amrhein Christine B. 9135 S. RIDGELINE BLVD., SUITE 200 C/O ADVANCED EMISSIONS SOLUTIONS, INC. HIGHLANDS RANCH, CO 80129			General Counsel	

## Signatures

/s/ Christine B. Amrhein 05/12/2016

\*\*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 a stock award issued pursuant to the Advanced Emissions Solutions, Inc. (the "Company") Amended and Restated 2007 Equity Incentive Plan, as amended (the "2007 Plan"). The stock award vested immediately upon grant.
- (2) The share price used is the average of the high bid and low ask stock prices on the relevant date, calculated in accordance with the provisions of the 2007 Plan.
- (3) Of the amount shown, 1,746 shares are held in a qualified pension plan account of the reporting person and 4,163 shares are restricted stock (not fully vested and subject to certain repurchase rights or transfer restrictions 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. 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.