

Advanced Emissions Solutions, Inc.  
 Form 4  
 August 13, 2015

**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 \*  
 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.  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 08/11/2015

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

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)  
 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. 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)
Common Stock	08/11/2015		F	66 <sup>(1)</sup> D \$ 10.15	31,720 <sup>(2)</sup>	I	By Spouse
Common Stock	08/11/2015		D	726 <sup>(3)</sup> D \$ 0	30,994 <sup>(2)</sup>	I	By Spouse
Common Stock					15,357 <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

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                      08/13/2015

\_\_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).
- The reporting person's spouse delivered stock to the Issuer to cover the payment of the tax liability incident to the vesting of 288 shares of
- (1) Restricted Stock issued under the Advanced Emissions Solution's Inc. Amended and Restated 2010 Non-Management Compensation and Incentive Plan (the "2010 Plan").
  - (2) Of the amount shown, 9,532 shares are held in the qualified pension plan account of the reporting person's spouse in accordance with 2010 Plan.
  - (3) Represents shares previously reported as beneficially owned that were not fully vested and forfeited in accordance with the 2010 Plan.
  - (4) Of the amount shown, 1,746 shares are held in the qualified pension plan account of the reporting person and 7,446 shares were issued pursuant to programs under the Advanced Emissions Solution's Inc. Amended and Restated 2007 Equity Incentive Plan, as amended.

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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