Advanced Emissions Solutions, Inc.

Form 4

January 17, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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response...

Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Marken Greg

(First)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

Advanced Emissions Solutions, Inc.

(Check all applicable)

Chief Accounting Officer

[ADES]

(Last)

3. Date of Earliest Transaction

Director X_ Officer (give title

10% Owner Other (specify

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

(Middle)

(Zip)

SOLUTIONS, INC.

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Month/Day/Year)

01/12/2017

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

HIGHLANDS RANCH, CO 80129

(Street)

(City) (State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A)

Reported Transaction(s)

(Instr. 3 and 4) Price

Common Stock

01/12/2017

Code V Amount (D) 1,034 F

 $26,427^{(2)}$

D

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

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SEC 1474 (9-02)

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

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1.	Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
D	erivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	te Amou		Derivative	Deriv
S	ecurity	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(I	nstr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ		;		Secur	ities	(Instr. 5)	Bene
		Derivative				Securities			(Instr.	3 and 4)		Owne
		Security			Acquired							Follo
		•				(A) or						Repo
						Disposed						Trans
		of (D)							(Instr			
						(Instr. 3,						`
						4, and 5)						
						, ,						
										Amount		
							Date Exercisable	Expiration e Date	Title	or		
										Number		
							Lacicisable			of		
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Chief Accounting Officer

Signatures

/s/ Greg P. 01/17/2017 Marken

**Signature of Date
Reporting Person

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 statutory tax withholding obligations upon the vesting of 2,774 shares issued under the issuer's Amended and Restated 2010 Non-Management Compensation and Incentive Plan, as amended (the "2010 Plan").
- Of the amount shown, 17,773 shares are restricted stock issued pursuant to the 2010 Plan, not fully vested and subject to forfeiture, and 5,000 shares are restricted stock issued pursuant to the Advanced Emissions Solutions, Inc. Amended and Restated 2007 Equity Incentive Plan, as amended (the "2007 Plan"), not fully vested and subject to forfeiture. Total ownership reflects an immaterial correction to the amount previously reported.

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.

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