Advanced Emissions Solutions, Inc.

Form 4

August 26, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number: January 31,

OMB APPROVAL

Expires: 2005 Estimated average

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Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Re MCKINNIES MARK		2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
		Advanced Emissions Solutions, Inc. [ades]	(Check all applicable)		
(Last) (First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% OwnerX Officer (give title Other (specify		
9135 S. RIDGELINE		08/22/2014	below) below) SVP & CFO		
BLVD., SUITE 200			511 & 610		
(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
THOU AND DANO	Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Form filed by More than One				
HIGHLANDS RANCI	1, CO 80129		Person		

HIGHLANDS RANCH, CO 80129	
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(City)	(State) (Z	Zip) Table	e I - Non-Do	erivative S	ecurit	ies Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	08/22/2014		M	68,420 (1)	A	\$ 4.3 (2)	221,756 (3)	D	
Common Stock	08/22/2014		F	35,556 (4)	D	\$ 21 (5)	186,200 (3)	D	

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

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	Date Exercisab	le and	7. Title and A	Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	TransactiorDerivative Expiration Date			Underlying Securities	
Security	or Exercise		any	Code	Securities	(Month/Day/Year)		(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)				
	Derivative				or Disposed of				
	Security				(D)				
					(Instr. 3, 4,				
					and 5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock								Common	68 420

M

68,420

01/08/2009⁽⁶⁾ 08/23/2014

(7)

Stock

Reporting Owners

\$ 4.3

08/22/2014

Reporting Owner Name / Address	Relationships						
r	Director	10% Owner	Officer	Other			
MCKINNIES MARK H 9135 S. RIDGELINE BLVD. SUITE 200 HIGHLANDS RANCH, CO 80129	X		SVP & CFO				

Signatures

Mark H.

Option

McKinnies 08/26/2014

**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 total number of underlying shares issued pursuant to the exercise of the stock option (the "Stock Option") granted to the reporting person on August 23, 2004 pursuant to the Company's 2004 Executive Stock Option Plan.
- (2) Represents the exercise price of the Stock Option.
- Of the amount shown, 55,912 shares are held in the qualified pension plan account of the reporting person, and 20,656 shares were issued (3) pursuant to a program under the Company's Amended and Restated 2007 Equity Incentive Plan, as amended, are not fully vested and are subject to certain repurchase rights.
- (4) Represents 14,010 shares withheld to cover the exercise price of the Stock Option and 21,546 shares withheld to satisfy minimum statutory tax withholding obligations upon exercise of the Stock Option.
- (5) Fair market value of the shares, as of the market closing price on August 21, 2014, which is the day prior to the exercise of the Stock Option.
- (6) Represents the date upon which vesting of the Stock Option was accelerated, as approved by the Company's Board of Directors.
- (7) Represents the amount of underlying shares subject to the full exercise of the Stock Option.

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

Reporting Owners 2

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