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CLEAN DIESEL TECHNOLOGIES INC

Reported by

MARXE AUSTIN W & GREENHOUSE DAVID M

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 10/13/11 for the Period Ending 10/11/11

Address	4567 TELEPHONE ROAD, SUITE 206 VENTURA, CA 93003
Telephone	805-639-9458
CIK	0000949428
Symbol	CDTI
SIC Code	3564 - Industrial and Commercial Fans and Blowers and Air Purification Equipment
Industry	Waste Management Services
Sector	Services
Fiscal Year	12/31

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FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

OMB APPROVAL
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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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
MARXE AUSTIN W & GREENHOUSE DAVID M	**CLEAN DIESEL TECHNOLOGIES INC [CDTI]**	_____ Director __ **X** __ 10% Owner _____ Officer (give title below) _____ Other (specify below)
(Last) (First) (Middle) **C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE, SUITE 2600**	3. Date of Earliest Transaction (MM/DD/YYYY) **10/11/2011**	
(Street) **NEW YORK, NY 10022** (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	**10/11/2011**		**S**		**99000** (2)	**D**	**$3.8587** (1)	**1714315** (2)	**I** (2)	**By Limited Partnerships** (2)

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

(1) This is a weighted average price.

(2) This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman), Special Situations Private Equity Fund, L.P. (PE), Special Situations Technology Fund, LP. (TN) and Special Situations Technology Fund II, L.P. (T2). 857,157 shares of Common Stock are held by QP, 274,291 shares of Common Stock are held by Cayman, 107,535 shares of Common Stock are held by PE, 66,235 shares of Common Stock are held by TN and 409,097 shares of Common Stock are held by T2. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, Cayman, PE, TN and T2 is limited to the extent of his pecuniary interest.

Reporting Owners

Reporting Owner Name / Address	Relationships			

	Director	10% Owner	Officer	Other
MARXE AUSTIN W & GREENHOUSE DAVID M **C/O SPECIAL SITUATIONS FUNDS** **527 MADISON AVENUE, SUITE 2600** **NEW YORK, NY 10022**		**X**		

Signatures

Austin W. Marxe — **10/13/2011**

** Signature of Reporting Person — Date

David M. Greenhouse — **10/13/2011**

** Signature of Reporting Person — Date

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

***** 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).

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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