Miller William John Form 3 August 02, 2010

FORM 3

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

OMB APPROVAL

OMB Number:

3235-0104

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

Estimated average burden hours per

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

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement VEECO INSTRUMENTS INC [VECO] A Miller William John (Month/Day/Year) 07/22/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) **VEECO INSTRUMENTS** (Check all applicable) INC., TERMINAL DRIVE (Street) 6. Individual or Joint/Group 10% Owner Director _X__ Officer Other Filing(Check Applicable Line) (give title below) (specify below) _X_ Form filed by One Reporting **EVP Compound Semi** Person PLAINVIEW, NYÂ 11803 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 5) (Instr. 4) Form: Direct (D) or Indirect (I) (Instr. 5) Â 25,139 (1) Common Stock D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
Security	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial
(Instr. 4)	(Month/Day/Year)	Derivative Security	or Exercise	Form of	Ownership
		(Instr. 4)	Price of	Derivative	(Instr. 5)
	Date Exercisable	Title	Derivative	Security:	
			Security	Direct (D)	

Edgar Filing: Miller William John - Form 3

		Expiration Date		Amount or Number of Shares		or Indirect (I) (Instr. 5)	
Stock option granted 12/1/03	04/12/2005(3)	11/30/2010	Common stock	2,500	\$ 29.5	D	Â
Stock option granted 6/8/07	(2)	06/07/2014	Common stock	1,000	\$ 18.11	D	Â
Stock option granted 11/9/07	(2)	11/08/2014	Common stock	3,334	\$ 16.37	D	Â
Stock option granted 6/12/08	(2)	06/11/2015	Common stock	11,667	\$ 17.48	D	Â
Stock option granted 5/18/09	(2)	05/17/2016	Common stock	20,000	\$ 8.82	D	Â
Stock option granted 6/29/09	(2)	06/28/2016	Common stock	13,334	\$ 12.36	D	Â
Stock option granted 6/11/10	(2)	06/10/2020	Common stock	41,000	\$ 34.13	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
Treporting of their remains a remainder	Director	10% Owner	Officer	Other	
Miller William John					
VEECO INSTRUMENTS INC.	Â	Â	EVP Compound Semi	â	
TERMINAL DRIVE			A EVP Compound Semi	A	
PLAINVIEW, NY 11803					

Signatures

Gregory A. Robbins, Attorney-in-fact 08/02/2010

**Signature of Reporting Person Date
Description

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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 Amount of Securities Beneficially Owned consists of the following: 2,971 shares owned without restriction; 3,334 shares of

(1) granted 6/12/08, which vest on 6/12/13; 7,334 shares of restricted stock granted 5/18/09, half of which vests on the 2nd and 3rd anniversaries of the date of grant; and 7,000 shares of a restricted stock granted 6/11/10, one-third of which vests on the 2nd, 3rd and 4th anniversaries of the date of grant.

restricted stock granted 11/9/07, half of which vests on the 3rd and 4th anniversaries of the date of grant; 4,500 shares of restricted stock

- (2) The option becomes exercisable in 33 1/3% increments on the first, second and third anniversaries of the date grant.
 - This option was originally set to vest in 33 1/3% increments on the first, second and third anniversaries of the date of grant. On 4/12/05,
- the Compensation Committee of Veeco's Board of Directors approved the acceleration of vesting of unvested stock options granted prior to 9/1/04 having an exercise price greater than \$15.26, the closing price of Veeco's common stock on the last trading day before the Committee approved the acceleration. As a result, all of these options become exercisable on 4/12/05.

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

Edgar Filing: Miller William John - Form 3