

VEECO INSTRUMENTS INC

Reported by
COLLINGWOOD PETER

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 10/07/11 for the Period Ending 10/06/11

Address	TERMINAL DRIVE PLAINVIEW, NY 11803
Telephone	516 677-0200
CIK	0000103145
Symbol	VECO
SIC Code	3559 - Special Industry Machinery, Not Elsewhere Classified
Industry	Semiconductors
Sector	Technology
Fiscal Year	12/31

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL
OMB Number: 3235-0287
Expires: November 30, 2011
Estimated average burden hours per response... 0.5

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 * Collingwood Peter (Last) (First) (Middle) VEECO INSTRUMENTS INC., TERMINAL DRIVE (Street) PLAINVIEW, NY 11803 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol VEECO INSTRUMENTS INC [VECO] 3. Date of Earliest Transaction (MM/DD/YYYY) 10/6/2011 4. If Amendment, Date Original Filed (MM/DD/YYYY)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) SVP WW Sales & Field Service 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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	10/6/2011		M		3333	A	\$ 0 (1)	8673	D	
Common Stock	10/6/2011		F		1493 (2)	D	\$26.97	7180	D	

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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	\$ 0 (1)	10/6/2011		M		3333	(3)	(1)	Common Stock	3333	\$ 0 (1)	3334	D	

Explanation of Responses:

- (1) Each restricted stock unit represents a contingent right to receive, at settlement, one share of Veeco common stock. This transaction represents the settlement of vested restricted stock units in shares of common stock.
- (2) Represents securities surrendered to Veeco to satisfy tax withholding obligations due upon the vesting of restricted stock units.
- (3) This restricted stock unit award was granted on October 6, 2008 and vests with respect to 1/3 of such shares on each of the second, third and fourth anniversaries of the date of grant. Vested shares will be delivered to the reporting person on the vesting date.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Collingwood Peter VEECO INSTRUMENTS INC. TERMINAL DRIVE PLAINVIEW, NY 11803			SVP WW Sales & Field Service	
--	--	--	------------------------------	--

Signatures

Gregory A. Robbins, Attorney-in-fact

10/7/2011

** 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.

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.