

KIERNAN JOHN P
 Form 4
 June 22, 2010

FORM 4

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

OMB APPROVAL

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

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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
KIERNAN JOHN P

2. Issuer Name and Ticker or Trading Symbol
**VEECO INSTRUMENTS INC
 [VECO]**

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
**VEECO INSTRUMENTS
 INC., TERMINAL DRIVE**
 (Street)
PLAINVIEW, NY 11803
 (City) (State) (Zip)

3. Date of Earliest Transaction (Month/Day/Year)
06/18/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

Director 10% Owner
 Officer (give title below) Other (specify below)
SVP Finance & Corp. Controller

6. Individual or Joint/Group Filing(Check Applicable Line)
 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	06/18/2010		M	A	\$ 18.11	D	
Common Stock	06/18/2010		M	A	\$ 17.48	D	
Common Stock	06/18/2010		S	D	10,000 (1)	D	

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

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 (9-02)

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- (3) The option was granted on June 12, 2008 and became exercisable with respect to 1/3 of such shares on each of the first, second and third anniversaries of the date of grant.

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.