

KIERNAN JOHN P  
 Form 4  
 February 17, 2010

**FORM 4** 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(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)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/12/2010

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

VEECO INSTRUMENTS  
 INC., TERMINAL DRIVE  
 (Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

PLAINVIEW, NY 11803

(City) (State) (Zip)

**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)		
				Code	V	Amount				(A) or (D)	Price
Common Stock	02/12/2010		M			5,000	A	\$ 21.36	23,546	D	
Common Stock	02/12/2010		S			5,000 (1)	D	\$ 36	18,546	D	
Common Stock	02/12/2010		M			15,000	A	\$ 21.36	33,546	D	
Common Stock	02/12/2010		M			833	A	\$ 18.11	34,379	D	
Common Stock	02/12/2010		M			7,500	A	\$ 16.56	41,879	D	

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Common Stock	02/12/2010	M	2,500	A	\$ 23.61	44,379	D
Common Stock	02/12/2010	S	25,833	D	\$ 34.9864 <u>(3)</u>	18,546	D

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Stock Option (right to purchase)	\$ 21.36	02/12/2010		M	5,000	<u>(2)</u> 07/27/2011	Common Stock 5,000
Stock Option (right to purchase)	\$ 21.36	02/12/2010		M	15,000	<u>(2)</u> 07/27/2011	Common Stock 15,000
Stock Option (right to purchase)	\$ 18.11	02/12/2010		M	833	<u>(4)</u> 06/07/2014	Common Stock 833
Stock Option (right to purchase)	\$ 16.56	02/12/2010		M	7,500	<u>(5)</u> 06/16/2012	Common Stock 7,500
Stock Option (right to purchase)	\$ 23.61	02/12/2010		M	2,500	<u>(6)</u> 06/08/2013	Common Stock 2,500

