

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 or
Section 30(h) 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)	
KIERNAN JOHN P		VEECO INSTRUMENTS INC [VECO]		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) SVP Finance & Treas.	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
VEECO INSTRUMENTS INC., TERMINAL DRIVE		3/14/2018			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
PLAINVIEW, NY 11803				<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)					

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	3/14/2018		A		4962 (1)	A	\$0	37041	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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	\$0	3/14/2018		A		5164 (2)		(2)	(2)	Common Stock	5164 (2)	\$0	5164 (2)	D	

Explanation of Responses:

- These shares were acquired pursuant to a restricted stock award under the Veeco Instruments Inc. 2010 Stock Incentive Plan (the "Plan") and are subject to certain restrictions. Subject to the reporting person's continued service, these restrictions will lapse: i) 20% on the date which is twelve months from the date of grant, ii) 20% on the date which is eighteen months from the date of grant, iii) 20% on the date which is thirty months from the date of grant, iv) 20% on the date which is forty-two months from the date of grant, and v) 20% on the date which is forty-eight months from the date of grant.
- Reflects performance-based restricted stock units ("PRSU") granted under the Plan. Subject to the reporting person's continued service and the achievement of three-year performance criteria (the "Criteria") specified in the award agreement, each PRSU represents the contingent right to receive one share of Veeco common stock. Awards can range from 25% to 150% of the reported PRSUs based on achievement of the Criteria. If the Criteria are not achieved, the award will be forfeited. Subject to having been earned, vested shares will be delivered to the reporting person on the date specified in the award agreement, but in no case earlier than the third anniversary of the grant date.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KIERNAN JOHN P VEECO INSTRUMENTS INC., TERMINAL DRIVE PLAINVIEW, NY 11803			SVP Finance & Treas.	

Signatures

Gregory A. Robbins, Attorney-in-fact

3/16/2018

** 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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