

VEECO INSTRUMENTS INC

Reported by **KIERNAN JOHN P**

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/09/06 for the Period Ending 05/05/05

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



VEECO INSTRUMENTS INC

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 5/9/2006 For Period Ending 5/5/2005

Address TERMINAL DR

PLAINVIEW, New York 11803

Telephone 516-349-8300 CIK 0000103145

Industry Semiconductors

Sector Technology

Fiscal Year 12/31





[] 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

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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(f) of the Investment Company Act of 1940

1. Name and Add	ress of Re	porting	Person *	2	. Is:	suer N	Name	e and	d Ti	cker	or '	Tradi	ng Sym	bol	5. Relation (Check all			Person(s)	to Issuer
KIERNAN JO)HN P			1 '		ECO ECO		IST]	RU	ME	N.	rs i	NC		Directo	or	_	10% O	wner
(Last) (First) (Middle) VEECO INSTRUMENTS INC.,, 100					3. Date of Earliest Transaction (MM/DD/YYYY)								/DD/YYY	X Officer (give title below) Other (specify below) SVP Finance & Corp. Controller					
SUNNYSIDE SUITE B				UU				•	5/5/	200	,,,								
(Street)												ed	6. Individual or Joint/Group Filing (Check Applicable Line)						
WOODBURY, NY 11797 (City) (State) (Zip)													_ X _ Form filed by One Reporting Person Form filed by More than One Reporting Person						
		Table	I - Non-	Deriv	zati	ive Se	ecuri	ities	Acq	uire	d, l	Dispo	sed of,	or l	Beneficially	y Owned			
1.Title of Security (Instr. 3)			2. Tra Date	te Deemed (3. Tra Code (Instr.	de str. 8) (A) or Disposed (D) (Instr. 3, 4 and 5 or (A) or (A)			d of Fo	1 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)				
Common Stock, par value \$.01 per share 5.				5/5/20	5/5/2006			M		100	00	A \$	\$15.48		10000			D	
Common Stock, par value \$.01 per share 5.0				5/5/20	5/2006			S		100	00	D \$	27.10	10 0			D		
Tab		1			_						_		1		ts, options,			ities)	
1. Title of Derivate Security (Instr. 3)	2. 3. Trans. Conversion or Exercise Price of Derivative Security		3A. Deemed Execution Date, if any	Code		Derivative			6. Date Exercisable and Expiration Date 7. Title and A Securities UnDerivative Se (Instr. 3 and 4					s Un /e Se	derlying ecurity	8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficially Owned Following	Ownership Form of Derivative Security: Direct (D) or Indirect	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)		Date Exerc	isable	Exp Dat	oiratior e	Title	Nι	mount or umber of nares		Reported Transaction (s) (Instr. 4)	(I) (Instr. 4)	
Employee Stock Option (Right to Purchase)	\$15.48	5/5/2006		M		1	10000		(1)	3/3	1/2010	Common Stock	n	10000	\$0	10000	D	

Explanation of Responses:

(1) The original grant provided that the option would become exercisable in 33 1/3% increments on the 1st, 2nd & 3rd anniversaries of the grant date. On 4/12/2005, the Compensation Committee of Veeco's Board of Directors approved the acceleration of vesting of all unvested stock options granted prior to 9/1/2004 which were then out-of-the-money (exercise price greater than \$15.26).

Panarting Owners

Reporting Owners								
Paparting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
KIERNAN JOHN P VEECO INSTRUMENTS INC., 100 SUNNYSIDE BOULEVARD, SUITE B			SVP Finance & Corp. Controller	•				

WOODBURY, NY 11797		
Signatures		
Gregory A. Robbins, Attorney-in-fact	5/9/2006	

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).

** Signature of Reporting Person

** 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.