

VEECO INSTRUMENTS INC

Reported by
LOH BENJAMIN GEKLIM

FORM 3

(Initial Statement of Beneficial Ownership)

Filed 12/07/06 for the Period Ending 12/06/06

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 3

(Initial Statement of Beneficial Ownership)

Filed 12/7/2006 For Period Ending 12/6/2006

Address	TERMINAL DR PLAINVIEW, New York 11803
Telephone	516-349-8300
CIK	0000103145
Industry	Semiconductors
Sector	Technology
Fiscal Year	12/31

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FORM 3

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

OMB APPROVAL
OMB Number: 3235-0104
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INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person * Loh Benjamin GekLim	2. Date of Event Requiring Statement (MM/DD/YYYY) 12/6/2006	3. Issuer Name and Ticker or Trading Symbol VEECO INSTRUMENTS INC [VECO]
(Last) (First) (Middle) VEECO INSTRUMENTS INC., 100 SUNNYSIDE BOULEVARD, SUITE B	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner __ X __ Officer (give title below) _____ Other (specify below) EVP Global Field Operations /	
(Street) WOODBURY, NY 11797 (City) (State) (Zip)	5. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line) _ X _ Form filed by One Reporting Person ____ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2000 (1)	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (Right to Purchase)	(2)	12/11/2012	Common Stock	20000	\$18.57	D	
Employee Stock Option (Right to Purchase)	(3)	6/8/2013	Common Stock	3000	\$23.61	D	

Explanation of Responses:

- (1) These shares were acquired pursuant to a restricted stock award under the Veeco Instruments Inc. 2000 Stock Incentive Plan and are subject to certain restrictions. These restrictions shall lapse with respect to 1/3 of such such shares on each of the first, second and third anniversaries of the date of grant (June 9, 2006).
- (2) The option becomes exercisable in 33 1/3% increments on the first, second and third anniversaries of the grant date (December 12, 2005)

(3) The option becomes exercisable in 33 1/3% increments on the first, second and third anniversaries of the grant date (June 9, 2006)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Loh Benjamin GekLim VEECO INSTRUMENTS INC. 100 SUNNYSIDE BOULEVARD, SUITE B WOODBURY, NY 11797			EVP Global Field Operations	

Signatures

Gregory A. Robbins, Attorney-in-fact

12/7/2006

** 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 5(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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of John P. Kiernan and Gregory A. Robbins, signing singly, the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Veeco Instruments Inc. (the "Company"), Forms 3, 4 and 5 in accordance with Section 16 (a) of the Securities Exchange Act of 1934 and the rules thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of November 20, 2006.

Signed: /s/ Benjamin Gek Lim Loh
Printed Name: Benjamin Gek Lim Loh