Glass David D. Form 4 August 03, 2012

FORM 4

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

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

2. Issuer Name and Ticker or Trading

VEECO INSTRUMENTS INC

3. Date of Earliest Transaction

4. If Amendment, Date Original

Symbol

[VECO]

(Month/Day/Year)

Filed(Month/Day/Year)

08/02/2012

(Print or Type Responses)

(Last)

(City)

1. Name and Address of Reporting Person *

Glass David D.

(First) (Middle)

VEECO INSTRUMENTS INC., TERMINAL DRIVE

PLAINVIEW, NY 11803

(Street)

(Zip)

(State)

OMB APPROVAL

OMB Number:

3235-0287 January 31,

Expires:

2005

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response... 0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

below) EVP & CFO

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 6 Ownership 7. Nature of 4 Securities Acquired 5 Amount of 2 Transaction Date 2A Deemed

| 1.111116 01 | 2. Transaction Date | za. Deemed | 3. | 4. Securities | s Acquirea | 5. Amount of | 6. Ownership | 7. Nature of |
|-----------------|---------------------|--------------------|-------------------------------|---------------------|----------------|------------------|--------------|--------------|
| Security | (Month/Day/Year) | Execution Date, if | Transaction(A) or Disposed of | | | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code | (D) | | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | (Instr. 3, 4 and 5) | | Owned | Indirect (I) | Ownership |
| | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | (A) | | Reported | | |
| | | | | | A) | Transaction(s) | | |
| | | | Code V | | or D) Price | (Instr. 3 and 4) | | |
| Common Stock | 08/02/2012 | | A | 667 <u>(1)</u> A | \$ 0 | 39,199 | D | |
| Common Stock | 08/02/2012 | | F | 241 (2) D | \$ 34.6 | 38,958 | D | |

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

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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. Transactic Code (Instr. 8) | 5. Number on f 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) | | 8. Price Derivati Security (Instr. 5 |
|---|---|---|---|--|---|--|--------------------|---|--|---|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Restricted Stock Unit | \$ 0 (1) | 08/02/2012 | | M | 667 | <u>(1)</u> | <u>(1)</u> | common stock | 667 | \$ 0 (|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|--------|-------|-----|--|--|--|
| | D | 1007.0 | O.CC. | 0.1 | | | |

Other Director 10% Owner Officer

Glass David D.

VEECO INSTRUMENTS INC.

EVP & CFO TERMINAL DRIVE

PLAINVIEW, NY 11803

Signatures

Gregory A. Robbins, 08/03/2012 Attorney-in-fact

**Signature of Reporting Person Date

Explanation of Responses:

- 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).
- These shares were acquired pursuant to a restricted stock unit award granted on June 11, 2010 under the Veeco Instruments Inc., 2010 Stock Incentive Plan. Vesting of these shares was conditioned on the achievement of certain performance criteria. This criteria was met and, as a result, the restrictions on one-third of these awards lapsed on August 2, 2011 (the "Initial Vesting Date"). The restrictions on an additional one-third of these shares shall lapse on each of the first and second anniversaries of the Initial Vesting Date.
- (2) Represents securities surrendered to Veeco to satisfy tax withholding obligations due upon the vesting of restricted units.

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.

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