

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

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of
the Securities Exchange Act of 1934

Filed by the Registrant [X]
Filed by a Party other than the Registrant []
Check the appropriate box:

- [] Preliminary Proxy Statement
- [] Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- [] Definitive Proxy Statement
- [X] Definitive Additional Materials
- [] Soliciting Material Pursuant to Rule 14a-12

Veeco Instruments Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- [X] No fee required.
- [] Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies: _____

(2) Aggregate number of securities to which transaction applies: _____

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction: _____

(5) Total fee paid: _____

- [] Fee paid previously with preliminary materials.
 - [] Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
 - (1) Amount Previously Paid: _____
 - (2) Form, Schedule or Registration Statement No.: _____
 - (3) Filing Party: _____
 - (4) Date Filed: _____
-

ANNUAL MEETING OF STOCKHOLDERS OF VEECO INSTRUMENTS INC.

May 3, 2019

PROXY VOTING INSTRUCTIONS

INTERNET - Access "www.voteproxy.com" and follow the on-screen instructions or scan the QR code with your smartphone. Have your proxy card available when you access the web page.



TELEPHONE - Call toll-free **1-800-PROXIES** (1-800-776-9437) in the United States or **1-718-921-8500** from foreign countries from any touch-tone telephone and follow the instructions. Have your proxy card available when you call.

Vote online/phone until 11:59 PM ET the day before the meeting.

MAIL - Sign, date and mail your proxy card in the envelope provided as soon as possible.

IN PERSON - You may vote your shares in person by attending the Annual Meeting.

GO GREEN - e-Consent makes it easy to go paperless. With e-Consent, you can quickly access your proxy materials, statements and other eligible documents online, while reducing costs, clutter and paper waste. Enroll today via www.astfinancial.com to enjoy online access.

COMPANY NUMBER	
ACCOUNT NUMBER	

**IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS
FOR THE ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MAY 3, 2019:**

The Notice, Proxy Statement and Annual Report to Stockholders
are available at www.veeco.com.

↓ Please detach along perforated line and mail in the envelope provided IF you are not voting via telephone or the internet. ↓

20333330000000001000 6

050319

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE ELECTION OF ALL DIRECTOR NOMINEES AND "FOR" PROPOSALS 2, 3, 4 AND 5.
PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

1. ELECTION OF DIRECTORS:

<input type="checkbox"/> FOR ALL NOMINEES <input type="checkbox"/> WITHHOLD AUTHORITY FOR ALL NOMINEES <input type="checkbox"/> FOR ALL EXCEPT (See instructions below)	NOMINEES: <input type="radio"/> William J. Miller, Ph.D. Class I director <input type="radio"/> John R. Peeler Class I director <input type="radio"/> Thomas St. Dennis Class I director
---	--

	FOR	AGAINST	ABSTAIN
2. APPROVAL OF AN AMENDMENT AND RESTATEMENT OF VEECO'S 2010 STOCK INCENTIVE PLAN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. APPROVAL OF AN AMENDMENT TO VEECO'S 2016 EMPLOYEE STOCK PURCHASE PLAN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. APPROVAL OF THE ADVISORY VOTE ON EXECUTIVE COMPENSATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. RATIFICATION OF THE APPOINTMENT OF KPMG LLP AS INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2019	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In their discretion, the proxies are authorized to vote upon such other business as may properly come before the Annual Meeting. This proxy when properly executed will be voted as directed herein by the undersigned stockholder. **If no direction is made, this proxy will be voted FOR ALL NOMINEES in Proposal 1 and FOR Proposals 2, 3, 4 and 5.**

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

MARK "X" HERE IF YOU PLAN TO ATTEND THE MEETING.

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

Signature of Stockholder _____ Date: _____ Signature of Stockholder _____ Date: _____

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

VEECO INSTRUMENTS INC.

To Be Held On:

May 3, 2019 at 8:30 a.m. (ET)

333 South Service Road, Plainview, New York 11803

COMPANY NUMBER	
ACCOUNT NUMBER	
CONTROL NUMBER	

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting.

If you want to receive a paper or e-mail copy of the proxy materials you must request one. There is no charge to you for requesting a copy. To facilitate timely delivery please make the request as instructed below before April 23, 2019.

Please visit <http://www.veeco.com>, where the following materials are available for view:

- Notice of Annual Meeting of Stockholders
- Proxy Statement
- Form of Electronic Proxy Card
- Annual Report on Form 10-K

TO REQUEST MATERIAL:

TELEPHONE: 1-800-322-2885

TO VOTE:



ONLINE: To access your online proxy card, please visit www.voteproxy.com and follow the on-screen instructions or scan the QR code with your smartphone. You may enter your voting instructions at www.voteproxy.com up until 11:59 PM Eastern Time the day before the cut-off or meeting date.

IN PERSON: You may vote your shares in person by attending the Annual Meeting. To obtain directions, please call 516-677-0200.

TELEPHONE: To vote by telephone, please visit www.voteproxy.com to view the materials and to obtain the toll free number to call.

MAIL: You may request a card by following the instructions above.

1. ELECTION OF DIRECTORS:

NOMINEES:

William J. Miller, Ph.D.	Class I director
John R. Peeler	Class I director
Thomas St. Dennis	Class I director

2. APPROVAL OF AN AMENDMENT AND RESTATEMENT OF VEECO'S 2010 STOCK INCENTIVE PLAN
3. APPROVAL OF AN AMENDMENT TO VEECO'S 2016 EMPLOYEE STOCK PURCHASE PLAN
4. APPROVAL OF THE ADVISORY VOTE ON EXECUTIVE COMPENSATION
5. RATIFICATION OF THE APPOINTMENT OF KPMG LLP AS INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2019

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE ELECTION OF ALL DIRECTOR NOMINEES AND "FOR" PROPOSALS 2, 3, 4 AND 5.

Please note that you cannot use this notice to vote by mail.