

AEHR TEST SYSTEMS  
Form 4  
April 09, 2008

**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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
ANDERSON ROBERT R  
  
(Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
AEHR TEST SYSTEMS [AEHR]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

MKS INSTRUMENTS, INC, SIX SHATTUCK ROAD  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
04/09/2008

Director  10% Owner  
 Officer (give title below)  Other (specify below)

ANDOVER, MA 01810  
  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)
			Code	V	Amount (A) or Price (D)		
Common Stock	04/09/2008		M		1,400 A \$ 3.85	98,900	D
Common Stock	04/09/2008		M		1,387 A \$ 3.85	100,287	D
Common Stock	04/09/2008		M		300 A \$ 3.85	100,587	D
Common Stock	04/09/2008		M		1,413 A \$ 3.85	102,000	D
Common Stock	04/09/2008		M		500 A \$ 3.85	102,500	D

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Common Stock	04/09/2008	S	1,400	D	\$ 9.117	101,100	D
Common Stock	04/09/2008	S	1,387	D	\$ 9.12	99,713	D
Common Stock	04/09/2008	S	300	D	\$ 9.13	99,413	D
Common Stock	04/09/2008	S	1,413	D	\$ 9.14	98,000	D
Common Stock	04/09/2008	S	500	D	\$ 9.15	97,500	D

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

**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.**

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(9-02)

**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. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 3.85	04/09/2008		M	1,400	11/17/2001 <sup>(1)</sup> 10/17/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 3.85	04/09/2008		M	1,387	11/17/2001 <sup>(1)</sup> 10/17/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 3.85	04/09/2008		M	300	11/17/2001 <sup>(1)</sup> 10/17/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 3.85	04/09/2008		M	1,413	11/17/2001 <sup>(1)</sup> 10/17/2008	Common Stock
Non-Qualified Stock Option	\$ 3.85	04/09/2008		M	500	11/17/2001 <sup>(1)</sup> 10/17/2008	Common Stock

(right to buy)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ANDERSON ROBERT R MKS INSTRUMENTS, INC SIX SHATTUCK ROAD ANDOVER, MA 01810	X			

## Signatures

GARY LARSON, Attorney-in-fact	04/09/2008
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\_\_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).
- (1) One twelfth (1/12) of the total number of shares became exercisable on this date and an additional one twelfth (1/12) of the total number of shares became exercisable each month thereafter.

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.