AEHR TEST SYSTEMS

Form 4

August 03, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average

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Form 5 obligations may continue. See Instruction

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(b).

(Print or Type Responses)

| 1. Name and A PATEL MU | Person * 2. Issuer Symbol | 2. Issuer Name and Ticker or Trading Symbol | | | | 5. Relationship of Reporting Person(s) to Issuer | | | | |
|------------------------|------------------------------|--|---------------------------------|---------------------|-----------|--|---|-------------------|--------------|--|
| | | AEHR TEST SYSTEMS [AEHR] | | | | (Check all applicable) | | | | |
| (Last) | (First) (M | (iddle) 3. Date of | 3. Date of Earliest Transaction | | | | | | | |
| | | ` | (Month/Day/Year) | | | _X_ Director | | 6 Owner | | |
| | | 08/02/20 | 08/02/2011 | | | Officer (giv below) | below) | er (specify | | |
| (Street) 4 | | | 4. If Amendment, Date Original | | | | 6. Individual or Joint/Group Filing(Check | | | |
| | | Filed(Mor | Filed(Month/Day/Year) | | | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (City) | (State) | Zip) Tabl | e I - Non-D | erivative : | Securi | ities Acc | quired, Disposed (| of, or Beneficial | lly Owned | |
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securi | ties A | cquired | 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 Transaction(s) | | | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | | |
| Common Stock (1) | 08/02/2011 | | S | 1,000 | D | \$ 1.34 | 25,929 | D | | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | | 4. Transacti | 5. onNumber | 6. Date Exerc Expiration Da | | 7. Title | | 8. Price of Derivative | 9. Nu Deriv |
|------------------------|--|--------------------------------------|---|-----------------|----------------|--------------------------------|--------------------|--------------------|--|------------------------|---|
| Security (Instr. 3) | or Exercise Price of Derivative Security | (Month Day/Year) | execution Date, if any (Month/Day/Year) | Code (Instr. 8) | of | (Month/Day/ e | | Underly Securit | ying | Security (Instr. 5) | Secur Bene Owne Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date |] | Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|--|
| • 0 | Director | 10% Owner | Officer | Other | | | |
| PATEL MUKESH | | | | | | | |
| | X | | | | | | |

Signatures

Gary L. Larson, Attorney-in-fact 08/03/2011

**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) The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on July 22, 2011. Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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