

AEHR TEST SYSTEMS  
Form 4  
January 16, 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 \*  
BUCK CARL N

(Last) (First) (Middle)

C/O AEHR TEST SYSTEMS, 400  
KATO TERRACE

(Street)

FREMONT, CA 94539

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
01/15/2008

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP,MARKETING AND CONTRACTOR  
BU

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				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 (D)				
Common Stock	01/15/2008		M		1,900	A	\$ 4	54,144	D	
Common Stock	01/15/2008		S		1,900	D	\$ 7.14	52,244	D	
Common Stock	01/16/2008		M		100	A	\$ 4	52,344	D	
Common Stock	01/16/2008		S		100	D	\$ 7.14	52,244	D	
Common Stock	01/16/2008		M		1,436	A	\$ 4	53,680	D	

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Common Stock      01/16/2008      S      1,436      D      \$ 7.29      52,244      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 Securities (Instr. 3 and 4)	Amount or Number of Shares
				Code	V (A) (D)	Date Exercisable      Expiration Date	Title	
Incentive Stock Option (right to buy)	\$ 4	01/15/2008		M	1,900	06/22/2001 <sup>(1)</sup> 05/22/2008	Common Stock	1,900
Incentive Stock Option (right to buy)	\$ 4	01/16/2008		M	100	06/22/2001 <sup>(1)</sup> 05/22/2008	Common Stock	100
Incentive Stock Option (right to buy)	\$ 4	01/16/2008		M	1,436	06/22/2001 <sup>(1)</sup> 05/22/2008	Common Stock	1,436

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director    10% Owner    Officer    Other

BUCK CARL N  
C/O AEHR TEST SYSTEMS  
400 KATO TERRACE

VP,MARKETING AND CONTRACTOR BU

FREMONT, CA 94539

## Signatures

Carl N. Buck

01/16/2008

\_\_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 forty-eighth (1/48) of the total number of shares became exercisable on this date and an additional one forty-eighth (1/48) 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.

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