ELDER WILLIAM W R

Form 4

January 15, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * ELDER WILLIAM W R			2. Issuer Name and Ticker or Trading Symbol AEHR TEST SYSTEMS [AEHR]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	, ,	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)			_X_ Director 10% Owner					
AEHR TEST SYSTEMS, 400 KATO TERRACE			01/15/2010					Officer (give title Other (specify below)			
	4. If Amer	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check					
			Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person			
FREMONT, CA 94539								Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	ities Acc	quired, Disposed	of, or Beneficial	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Yea	r) Execution	emed on Date, if /Day/Year)	3. Transaction Code (Instr. 8)	4. Securion(A) or D (D) (Instr. 3,	4 and (A) or	d of	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 Indirect Beneficial Ownership (Instr. 4)	
Common Stock	01/15/2010			Code V P	Amount 600	(D)	Price \$ 1.34	58,500	D		
Common	01/15/2010			P	900	A	\$ 1.35	59,400	D		

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

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1.35

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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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/		Underly Securiti (Instr. 3	ying ies	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
ELDER WILLIAM W R AEHR TEST SYSTEMS 400 KATO TERRACE FREMONT, CA 94539	X						

Signatures

Gary Larson, attorney-in-fact

ttorney-in-fact 01/15/2010

**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).

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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