

MOSHAYEDI MASOUD  
 Form 5  
 February 16, 2010

**FORM 5**

**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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 MOSHAYEDI MASOUD

2. Issuer Name and Ticker or Trading Symbol  
 STEC, INC. [STEC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 \_\_\_\_ Officer (give title below)  Other (specify below)  
 Former 10% owner

17 VISTA LUCI  
 (Street)

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

6. Individual or Joint/Group Reporting (check applicable line)

NEWPORT COAST, CA 92675

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

**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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Amount	(A) or (D)	Price			
Common Stock	11/03/2009	Â	S	301,000	D	\$ 22.943	3,000,050	I	By Trust (1)
Common Stock	11/02/2009	Â	S	97,445	D	\$ 22.104	3,000,050	I	By Trust (1)
Common Stock	10/29/2009	Â	S	85,000	D	\$ 21.9	3,000,050	I	By Trust (1)
Common Stock	10/28/2009	Â	S	215,000	D	\$ 21.766	3,000,050	I	By Trust (1)

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Common Stock	09/09/2009	Â	S	26,555	D	\$ 42.033	3,000,050	I	By Trust (1)
Common Stock	09/01/2009	Â	S	25,000	D	\$ 41.531	3,000,050	I	By Trust (1)
Common Stock	08/25/2009	Â	S	20,807	D	\$ 40	3,000,050	I	By Trust (1)
Common Stock	08/24/2009	Â	S	179,193	D	\$ 38.042	3,000,050	I	By Trust (1)
Common Stock	08/13/2009	Â	S	138,996	D	\$ 36.206	3,000,050	I	By Trust (1)
Common Stock	07/22/2009	Â	S	33,216	D	\$ 34.785	3,000,050	I	By Trust (1)
Common Stock	07/16/2009	Â	S	100,000	D	\$ 32.038	3,000,050	I	By Trust (1)
Common Stock	07/13/2009	Â	S	143,121	D	\$ 25.249	3,000,050	I	By Trust (1)

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

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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)	8. Price of Derivative Security (Instr. 5)	9. of D Se B O E I F (I
					(A) (D)	Date Exercisable Expiration Date	Title or Number of Shares		

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MOSHAYEDI MASOUD 17 VISTA LUCI NEWPORT COAST, CA 92675	Â	Â	Â	Former 10% owner

## Signatures

/s/ Mike  
Moshayedi

02/16/2010

\_\_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).
- (1) These shares are owned directly by the M. and P. Moshayedi Revocable Trust, dated 12/30/96, Mike Moshayedi and Parto Moshayedi are co-trustees of the trust.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.