

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Wynn H Edward</u>			2. Issuer Name and Ticker or Trading Symbol <u>STEPAN CO [ SCL ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, Gen'l Counsel &amp; Secretary</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/17/2010</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>22 W. FRONTAGE ROAD</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>NORTHFIELD IL 60093</u>								
(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 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/17/2010		M		2,000 <sup>(1)</sup>	A	(1)	3,970.422	D	
Common Stock	02/17/2010		A		2,000 <sup>(1)</sup>	A	(1)	5,970.422	D	
Common Stock	02/17/2010		F		1,273 <sup>(1)</sup>	D	(1)	4,697.422	D	
Common Stock	02/18/2010		J		2.2724	A	(3)	4,699.6944	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Performance Shares	(2)	02/17/2010		M			2,000	(2)	(2)	Common Stock	2,000	(2)	0	D	
Management Incentive Plan	(4)	02/17/2010		J		86.353		08/08/1988	08/08/1988	Common Stock	86.353	(4)	4,236.557	D	

**Explanation of Responses:**

- Amount reported reflects vesting of 2,000 performance shares on Table II. Upon vesting, total shares delivered to reporting person also includes an additional 2,000 shares due to achievement of certain financial targets by December 31, 2009. Also, 1,273 shares were disposed of for taxes as allowed under the plan.
- The performance shares vested upon Stepan Company achieving certain financial targets by December 31, 2009.
- Number of common stock shares acquired with dividend purchase to reporting person's account on February 18, 2010, under the Employee Stock Ownership Plan II (ESOP II) established by Stepan Company.
- Management Incentive Plan Amended and Restated as of January 1, 2005 ("Plan"), a 16b-3 Plan, is a nonqualified deferred compensation Plan which allows plan participants to elect to defer all or a portion of their deferred compensation into accounts pursuant to Plan provisions.

H. Edward Wynn 02/18/2010  
\*\* Signature of Reporting Person Date

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

\* 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.

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 Number.