FORM 4

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

OMB APPROVAL					
OMB Number:	3235-0287				
Estimated average burden					
nours per response	e 0.5				

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 or Section 30(h) of the Investment Company Act of 1940

erson *						:	Relation		_		er		
			Orti	2. Issuer Name and Ticker or Trading Symbol SUN HYDRAULICS CORP [SNHY]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Middle) RKWAY	3. Date of Earliest Transaction (Month/Day/Year) 05/13/2008				X Officer (give title below) Other (specify below) President, CEO								
	_X_Form filed by One Reporting				rting Person								
(Zip)	Ta	ble I - Non	-Deri	vative So	ecurities	Acqui	red, Disp	osed of, or l	Beneficially	Owned			
2. Transaction Date (Month/Day/Year)	any	Code (Instr. 8)	ction	(A) or D	or Disposed of (D) Beneficially Owned Follow tr. 3, 4 and 5) Reported Transaction(s)		ollowing	Ownership Form:	7. Nature of Indirect Beneficial Ownership				
	(Monul/Day/Tear	Code	V	Amount	(A) or (D)	Price	(Instr. 3 and 4)		or Indirect	(Instr. 4)			
05/13/2008		S		2,445	D	\$ 39.50	33,505			D			
							5,178			I (1)	BY ESOP TRUST		
or each class of secu	urities beneficially	owned dire	ectly o	r									
			cont	ained ir	n this fo	orm are	e not req	uired to re	spond unl	ess	EC 1474 (9- 02)		
							lly Owned						
ansaction ansaction ansaction ansaction ansaction any (Month/Day/Year) 3A. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) 4. Transaction of Derivative (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Amount of Underlying Securities (Instr. 3 and 4)			Securities Beneficially Owned Following Reported	Ownersh Form of Derivati Security Direct (I or Indirect)	Ownershi (Instr. 4)						
	Code V	(A) (D)	Exe	-		On Title	or						
	(Zip) 2. Transaction Date (Month/Day/Year) 05/13/2008 Table II - I (In SA. Deemed Execution Date)	4. If Amendment. (Zip) Ta 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 05/13/2008 Table II - Derivative Securities beneficially Table II - Derivative Securities beneficially	4. If Amendment, Date Orig 4. If Amendment, Date Orig 2. Transaction Date (Month/Day/Year) 2. Deemed Execution Date, if any (Month/Day/Year) Code 05/13/2008 S Table II - Derivative Securities Acquire (e.g., puts, calls, warrants, op n SA. Deemed Execution Date, if any (e.g., puts, calls, warrants, op n (Month/Day/Year) A. Transaction Code (Instr. 8) S. Numbe Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3,	4. If Amendment, Date Original F 2. Transaction Date (Month/Day/Year) 2. Deemed Execution Date, if any (Month/Day/Year) Code V 05/13/2008 S Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4, and 5) Date (Zip) Table I - Non-Derivation 2. Deemed Execution Date, if any (Month/Day/Year) Personal Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Date Table II - Non-Derivation Code (Instr. 8) Personal Code (Instr. 8) Code (Instr. 8) Personal Code (Instr. 8)	4. If Amendment, Date Original Filed(Mont Code	4. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Execution Date, if (Month/Day/Year) 2. Transaction Date (Instr. 8) Code V Amount (A) or (D) 3. Transaction (A) or Disposed (Instr. 3, 4 and 5) Code V Amount (D) Persons who respectontained in this for the form displays at the form displays at (Month/Day/Year) 3. Table II - Derivative Securities Acquired, Disposed of, or Be (e.g., puts, calls, warrants, options, convertible securities and Expiration Date (Month/Day/Year) 3. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	4. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction (Month/Day/Year) 3. Transaction (Month/Day/Year) 3. Transaction (Month/Day/Year) 3. Transaction (Month/Day/Year) 4. S. Number (Month/Day/Year) 4. S. Number (Month/Day/Year) 4. Date (Month/Day/Year) 4. Amuse (Month/Day/Year) 4. Date (Month/Day/Year)	4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 7. Table I - Non-Derivative Securities Acquired, Disposed of (Date (Month/Day/Year)) 8. Transaction (A) or Disposed of (D) (Instr. 3, 4 and 5) 9. Code (Instr. 3, 4 and 5) 1. Code (Instr. 3, 4 and 5) 1. Code (Instr. 3, 4 and 5) 1. Solvential Amount (Instr. 3) 1. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 8) 2. Amount (Instr. 8) 3. Transaction (A) or Disposed of (D) (Instr. 3) 4. Solvential Amount of Underlying Securities Acquired (A) or Disposed of (D) (Instr. 8) 4. Solvential Amount of Underlying Securities Acquired (A) or Disposed of (D) (Instr. 3) 4. Date Expriration Date (Instr. 3) 4. Title and Amount of Underlying Securities Acquired (A) or Disposed of (D) (Instr. 3) 5. Number (Instr. 3) 6. Individual X. Form file (A) or Disposed of (D) (Instr. 3) 6. Amount of Underlying Securities (Instr. 3) 7. Title and Amount of Underlying Securities (Instr. 3) 8. Date Expriration Title (Instr. 3) 8. Amount or Number (Instr. 3) 8. Instrumental Amount of Underlying Securities (Instr. 3) 9. Date Expriration Title (Instr. 3) 9. Date Expriration Title (Instr. 4) 9. Amount or Number (Number (Instr. 4))	4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 5. Amount of Securities (Instr. 3) 6. Individual or Joint/X, Form filed by One Report Form filed by More than Execution Date (Instr. 8) 7. Amount of Securities Original Filed(Month/Day/Year) 8. Amount of Securities Original Filed(Month/Day/Year) 9. Amount of Securities Original Filed(Month/Day/Year) 1. Table II - Non-Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) 1. Amount of Securities Original Filed(Month/Day/Year) 1. Amount of Securities Original Filed(Month/Day/Year) 2. Transaction Date (Instr. 3) 2. Amount of Securities Original Filed(Month/Day/Year) 3. Amount of Securities Original Filed(Month/Day/Year) 3. Amount of Securities Original Filed(Month/Day/Year) 3. A Deemed (Instr. 3) 4. Securities Acquired, Disposed of, or Beneficially Owned (A) or Original Filed(Month/Day/Year) 4. Securities Acquired (A) or Disposed of, or Beneficially Owned (A) or Original Filed(Month/Day/Year) 4. Securities Acquired (A) or Disposed of, or Beneficially Owned (A) or Original Filed(Month/Day/Year) 8. Price of Original Filed(Month/Day/Year) 9. Amount or Title Month/Day/Year) 9. Amount or Disposed of Original Filed(Month/Day/Year) 9. Amount or Disposed or Day Filed Month/Day/Y	4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Following (Instr. 3, 4 and 5) (Month/Day/Year) Os/13/2008 S	4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) (Zip) Table I - Non-Derivative Securities Acquired, Date Execution Date, if any (Month/Day/Year) (Month/Day/Year) O5/13/2008 S 2.445 D 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. Table II - Derivative Securities Acquired (A,) or Disposed of, or Beneficially Owned Following (Instr. 3) 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. Table II - Derivative Securities Acquired (A) or Original Filed(Month/Day/Year) ADA Deemed Execution Date, if Code (Instr. 4) S. Number of S. 17.78 I III 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. Table II - Derivative Securities Acquired (A) or Original Filed(Month/Day/Year) Scurrities (Month/Day/Year) ADA Deemed Execution Date, if Code (Instr. 4) S. Number of Date (A) Orno (A) or Original Filed(Month/Day/Year) Scurrities (Instr. 3) Amount of Owned Following Reported Transaction of Information or Indirect (Instr. 4) O6/13/2008 S AD Deemed Execution Date, if Original Filed (Month/Day/Year) Scurrities (Month/Day/Year) Scurrities (Month/Day/Year) Scurrities (Month/Day/Year) Amount of Owned Following Reported Transaction(S) Ownership Form: Direct (D) Ownership Form of Indirect (Instr. 4) Amount of Ownership F		

	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
CARLSON ALLEN J								
1500 WEST UNIVERSITY PARKWAY	X		President, CEO					
SARASOTA, FL 34243								

Signatures

Paul R. Lynch, as Attorney-in-Fact for ALLEN J. CARLSON	05/15/2008
**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) Reflects allocations of shares under the Sun Hydraulics Corporation Employee Stock Ownership Plan.

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.