

# FORM 4

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response...	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

(Print or Type Responses)

1. Name and Address of Reporting Person * <b>COOPER JEFFREY</b>		2. Issuer Name and Ticker or Trading Symbol <b>SUN HYDRAULICS CORP [SNHY]</b>		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) <b>Engineering Manager</b>	
(Last) (First) (Middle) <b>1500 W UNIVERSITY PARKWAY</b>		3. Date of Earliest Transaction (Month/Day/Year) <b>07/19/2005</b>			
(Street) <b>SARASOTA, FL 34243</b>		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)		<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>			

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	07/19/2005		S	(1)			248	D	\$ 29.35	41,825	D	
Common Stock	07/19/2005		S	(1)			599	D	\$ 29.31	41,226	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 29.23	41,126	D	
Common Stock	07/19/2005		S	(1)			400	D	\$ 29.21	40,726	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 29.18	40,626	D	
Common Stock	07/19/2005		S	(1)			99	D	\$ 29.12	40,527	D	
Common Stock	07/19/2005		S	(1)			1	D	\$ 29.15	40,526	D	
Common Stock	07/19/2005		S	(1)			50	D	\$ 29.14	40,476	D	
Common Stock	07/19/2005		S	(1)			349	D	\$ 29.10	40,127	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 29.08	40,027	D	
Common Stock	07/19/2005		S	(1)			50	D	\$ 29.04	39,977	D	
Common Stock	07/19/2005		S	(1)			541	D	\$ 29.01	39,436	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 29.09	39,336	D	
Common Stock	07/19/2005		S	(1)			300	D	\$ 29	39,036	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 28.99	38,936	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 28.98	38,836	D	
Common Stock	07/19/2005		S	(1)			670	D	\$ 28.92	38,166	D	
Common Stock	07/19/2005		S	(1)			99	D	\$ 28.80	38,067	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 28.78	37,967	D	
Common Stock	07/19/2005		S	(1)			200	D	\$ 28.69	37,767	D	
Common Stock	07/19/2005		S	(1)			200	D	\$ 28.70	37,567	D	
Common Stock	07/19/2005		S	(1)			100	D	\$ 28.67	37,467	D	

Common Stock	07/19/2005		S(1)		2,894	D	\$	34,573	D	
Common Stock	07/20/2005		S(1)		7,500	D	\$ 28.66 \$ 30	27,073	D	
Common Stock								1,285.50	I (2)	BY ESOP TRUST

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.

SEC 1474 (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)				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. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COOPER JEFFREY 1500 W UNIVERSITY PARKWAY SARASOTA, FL 34243			Engineering Manager	

## Signatures

Paul R. Lynch, as Attorney-in-Fact for JEFFREY COOPER		07/21/2005
		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) The sales were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 29, 2005.

(2) 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.