# FORM 4

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

OMB APPROVAL
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#### 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

Instruction 1(b). (Print or Type Responses) 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading Symbol (Check all applicable) SUN HYDRAULICS CORP [SNHY] KOSKI CHRISTINE L \_X\_ 10% Owner (Middle) 3. Date of Earliest Transaction (Month/Day/Year) (Last) (First) Officer (give title below) Other (specify below 03/17/2011 (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person X\_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 2. Transaction 2A. Deemed 4. Securities Acquired 5. Amount of Securities 7. Nature of Indirect (Instr. 3) Date Execution Date, if Transaction (A) or Disposed of Beneficially Owned Ownership Beneficial Ownership (Month/Day/Year) Code (D) Following Reported Form: (Instr. 4) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Transaction(s) Direct (D) (Instr. 3 and 4) or Indirect (A) (I) or (Instr. 4) Code Amount (D) Price Common Stock 03/17/2011 S 400 D \$ 40 252,790  $D^{(1)}$ Common Stock 03/17/2011 S  $D^{(1)}$ 100 D 252,690 40.02 Common Stock 03/17/2011 S 150 D 252,540  $D^{(1)}$ 40.05  $D^{(1)}$ Common Stock 03/17/2011 S 150 D 252,390 40.07 Common Stock 03/17/2011 S 250 D 252,140  $D^{(1)}$ 40.08 D (1) 03/17/2011 S 900 D Common Stock 251,240 40.10  $D^{(1)}$ Common Stock 03/17/2011 S 50 D 251,190 40.11 03/17/2011  $\mathbf{S}$ D Common Stock 200 250,990  $D^{(1)}$ 40.12  $D^{(1)}$ 03/17/2011 S 100 Common Stock D 250,890 40.13 S 250 D  $D^{(1)}$ Common Stock 03/17/2011 250,640 40.20  $D^{(1)}$ 03/17/2011 S 100 D Common Stock 250,540 40.22 Common Stock 03/17/2011 S 100 D 250,440  $D^{(1)}$ 40.29  $D^{(2)}$ Common Stock 03/18/2011 G 6,300 D \$0 153,700  $D^{\frac{(3)}{2}}$ Common Stock 295,969.427  $D^{(4)}$ Common Stock 100,000 BY KOSKI T (5) MANAGEMENT, Common Stock 3.200 INC Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of information SEC 1474 (9contained in this form are not required to respond unless 02) the form displays a currently valid OMB control number. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	(**3*) F*****, *******, ********************											
1. T	itle of	2.	3. Transaction	3A. Deemed	4.	5. Number	<ol><li>Date Exercisable</li></ol>	7. Title and	8. Price of	9. Number of	10.	11. Nature
Der	ivative	Conversion	Date	Execution Date, if	Transaction	of	and Expiration Date	Amount of	Derivative	Derivative	Ownership	of Indirect
Sec	urity	or Exercise	(Month/Day/Year)	any	Code	Derivative	(Month/Day/Year)	Underlying	Security	Securities	Form of	Beneficial
(Ins	tr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Securities		Securities	(Instr. 5)	Beneficially	Derivative	Ownership
		Derivative				Acquired		(Instr. 3 and		Owned	Security:	(Instr. 4)
		Security				(A) or		4)		Following	Direct (D)	
		_				Disposed				Reported	or Indirect	
						of (D)				Transaction(s)	(I)	
						(Instr. 3,				(Instr. 4)	(Instr. 4)	

				1	1.5)					
				4, and		Date Exercisable	Expiration Date	Title	Amount or Number of	
		Code	V	(A)	(D)				Shares	

### **Reporting Owners**

Describer Ones New / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
KOSKI CHRISTINE L	X	X						
KOSKI BEVERLY		X						
KOSKI FAMILY LP		X						
KOSKI ROBERT C		X						
KOSKI THOMAS L		X						

#### **Signatures**

Gregory C. Yadley, as Attorney-in-Fact for CHRISTINE L. KOSKI, BEVERLY KOSKI, KOSKI FAMILY LIMITED					
PARTNERSHIP, ROBERT C. KOSKI AND THOMAS L. KOSKI					
**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) Shares owned directly by Christine L. Koski.
- (2) Shares owned directly by Thomas L. Koski.
- (3) Shares owned directly by Beverly Koski.
- (4) Shares owned directly by Robert C. Koski.
- (5) Shares owned indirectly by Beverly Koski.

#### Remarks:

Report is 3 of 3

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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