

GENCOR INDUSTRIES INC  
Form 4/A  
August 10, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**SHEFTS MARK**

2. Issuer Name and Ticker or Trading Symbol  
**GENCOR INDUSTRIES INC  
[GNCL.OB]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)

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

160 SUMMIT AVENUE

4. If Amendment, Date Original Filed(Month/Day/Year)  
03/15/2004

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(Street)

MONTVALE, NJ 07645

(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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/02/2004		P		244,638	A	\$ 3.1	244,638	I	Owned by spouse, Wanda Shefts
Common Stock	11/04/2004		S		72,750	D	\$ 6.87	72,750	I	Owned by spouse, Wanda Shefts
Common Stock	11/04/2004		P		72,750	A	\$ 6.87	72,750	I	Owned by spouse, Wanda Shefts

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Common Stock	11/24/2004		P	28,250	D	\$ 6.2	28,250	I	Owned by spouse, Wanda Shefts
Common Stock							34,000	D	
Common Stock	01/03/2005		S	34,000	D	\$ 8	34,000	I	Owned by spouse, Wanda Shefts
Common Stock	01/03/2005		P	34,000	A	\$ 8	34,000	I	Owned by spouse, Wanda Shefts
Common Stock							30,500	I	Director, Officer and Indirect Shareholder of Domestic Securities, Inc.
Common Stock							546,130	I	Owned by spouse, Wanda Shefts

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. Number of Derivative Securities Owned Beneficially (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SHEFTS MARK 160 SUMMIT AVENUE MONTVALE, NJ 07645		X		

## Signatures

/s/ Mark Shefts                      08/09/2005

\_\_Signature of                      Date  
Reporting Person

## 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).

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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