

GENCOR INDUSTRIES INC  
 Form 4  
 May 16, 2008

**FORM 4**

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

OMB APPROVAL

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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 \*  
**MILLER LLOYD I III**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
**4550 GORDON DRIVE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**05/14/2008**

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

**NAPLES, FL 34102**

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_\_ 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 (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)	(A) or (D)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/14/2008		S	100	D	\$ 18.62 742,821 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008		S	100	D	\$ 18.6 742,721 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008		S	100	D	\$ 18.57 742,621 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008		S	200	D	\$ 18.53 724,421 <sup>(1)</sup>	I	By Trust A-4 - Lloyd

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Common Stock	05/14/2008	S	400	D	\$ 18.5	742,021 <sup>(1)</sup>	I	I. Miller By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	800	D	\$ 18.46	741,221 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	500	D	\$ 18.45	740,721 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	100	D	\$ 18.44	740,621 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	300	D	\$ 18.43	740,321 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	700	D	\$ 18.41	739,621 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	1,700	D	\$ 18.4	737,921 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	200	D	\$ 18.22	737,721 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	3,800	D	\$ 18.2	733,921 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	220	D	\$ 18.1	733,701 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	1,100	D	\$ 18.09	732,601 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	750	D	\$ 18.05	731,851 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	550	D	\$ 18.03	731,301 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	301	D	\$ 18.02	731,000 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller

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Common Stock	05/14/2008	S	1,100	D	\$ 17.95	729,900 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	8,700	D	\$ 17.93	721,200 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	100	D	\$ 17.77	721,100 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/14/2008	S	100	D	\$ 17.75	721,000 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/15/2008	S	2,489	D	\$ 17.81	718,511 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/15/2008	S	4,477	D	\$ 17.79	714,034 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/15/2008	S	2,423	D	\$ 17.77	711,611 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/15/2008	S	3,200	D	\$ 17.75	708,411 <sup>(1)</sup>	I	By Trust A-4 - Lloyd I. Miller
Common Stock						1,100 <sup>(1)</sup>	I	By Lloyd I. Miller, III, custodian under Florida UGMA for Alexandra B. Miller
Common Stock						10,800	D	
Common Stock						19,200 <sup>(1)</sup>	I	By Trust C - Lloyd I. Miller
Common Stock						144,145 <sup>(1)</sup>	I	By Milfam II L.P.

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

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(9-02)

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**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 Following Reporting Transaction (Instr. 6)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLER LLOYD I III 4550 GORDON DRIVE NAPLES, FL 34102		X		

## Signatures

/s/ David J. Hoyt  
Attorney-in-fact  
Date: 05/16/2008

\*\*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).
- The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein. This filing (1) shall not be deemed an admission that the reporting person is, for purposes of Section 16 of the Act or otherwise, the beneficial owner of any equity securities covered by this filing.

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