

Shippell-Heiland Heidi
 Form 3
 January 04, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â JEC II Associates, LLC | | (Month/Day/Year) | GSI GROUP INC [GSIGQ.PK] | |
| (Last) | (First) | (Middle) | 12/22/2009 | |
| 68 MAZZEO DRIVE | | 4. Relationship of Reporting Person(s) to Issuer | | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | (Check all applicable) | | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| RANDOLPH,Â MAÂ 02368 | | <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) | | <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |
| (City) | (State) | (Zip) | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock | 4,766,972 | D <u>(1)</u> <u>(2)</u> | Â |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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 Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|---|--|--|--|--|
| | Date Exercisable Expiration Date | Title Amount or Number of | | | |

Shares (I)
(Instr. 5)

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| JEC II Associates, LLC 68 MAZZEO DRIVE RANDOLPH, MA 02368 | Â | Â X | Â | Â |
| Shippell-Heiland Heidi 20 LEDGEWOOD DRIVE DOVER, MA 02030 | Â | Â X | Â | Â |
| Heiland K. Peter 20 LEDGEWOOD DRIVE DOVER, MA 02030 | Â | Â X | Â | Â |

Signatures

/s/ James E. Dawson, attorney
in fact 01/04/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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 are owned directly by JEC II Associates, LLC ("JEC") and indirectly by the other Reporting Persons.
- (2) Heidi Shippell-Heiland and K. Peter Heiland are the managers of JEC. Each of Ms. Shippell-Heiland and Mr. Heiland disclaim beneficial ownership in the securities, except to the extent of their indirect pecuniary interest therein.

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.