

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* SMITH KENNETH WALTER (Last) (First) (Middle) 3556 LAKE SHORE ROAD P.O. BOX 2028 (Street) BUFFALO NY 14219-0228 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol GIBRALTAR INDUSTRIES, INC. [ROCK]	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) Senior VP & CFO
	3. Date of Earliest Transaction (Month/Day/Year) 01/03/2017	
	4. If Amendment, Date of 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

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 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	01/03/2017		A		7,392 ⁽¹⁾	A	\$0.00 ⁽¹⁾	60,156	D	
Common Stock	01/03/2017		F		3,823 ⁽²⁾	D	\$41.65 ⁽²⁾	56,333	D	
Restricted Stock Unit (LTIP 01/02/2013)	01/03/2017		D		2,387 ⁽³⁾	D	\$0.00 ⁽³⁾	0.00 ⁽⁴⁾	D	
Restricted Stock Unit (LTIP 01/02/2014)	01/03/2017		D		2,290 ⁽³⁾	D	\$0.00 ⁽³⁾	2,291 ⁽⁵⁾	D	
Restricted Stock Unit (LTIP 01/02/2015)	01/03/2017		D		2,715 ⁽³⁾	D	\$0.00 ⁽³⁾	5,432 ⁽⁶⁾	D	
Common Stock								52,764	D	
Executive Retirement RSU								10,000	D	
Performance Stock Units (December 2015)								25,000	D	
Restricted Stock Unit (LTIP 02/01/2016)								8,825	D	
Restricted Stock Unit (Retirement Supplement)								20,000	D	
Restricted Stock Units (December 2015)								12,500	D	

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 Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Option (December 2015) ⁽⁷⁾	\$25.44							12/31/2018	12/31/2028	Common Stock	12,500		12,500	D	
Performance Units (2016) ⁽⁸⁾	(9)							(9)	(9)	Common Stock	16,632		16,632	D	
Performance Units 2015 ⁽¹⁰⁾	(11)							(11)	(11)	Common Stock	51,956		51,956	D	
Restricted Stock Unit (MSPP Match Post-2012) ⁽¹²⁾	(13)							(13)	(13)	Common Stock	47,263.61		47,263.61	D	
Restricted Stock Unit (MSPP Match) ⁽¹⁴⁾	(15)							(15)	(15)	Common Stock	40,032.08		40,032.08	D	

**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 Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit (MSPP Post-2012) ⁽¹⁶⁾	(17)							(17)	(17)	Common Stock	66,826.04		66,826.04	D	
Restricted Stock Unit (MSPP) ⁽¹⁸⁾	(19)							(19)	(19)	Common Stock	49,882.03		49,882.03	D	

Explanation of Responses:

- Represents the conversion of restricted stock units awarded as part of the Company's Long Term Incentive Plan into common stock upon vesting. This transaction is representative of the cumulative vesting of restricted stock units awarded on each of January 2, 2013, January 2, 2014, and January 2, 2015.
- Represents common stock retained by the Company upon conversion of Reporting Person's restricted stock units into shares of common stock in satisfaction of the Reporting Person's individual minimum statutory withholding obligation. This transaction is representative of the total number of shares of common stock retained by the Company for withholding tax purposes in connection with the conversion of restricted stock units awarded on each of January 2, 2013, January 2, 2014, and January 2, 2015, into common stock of the Company.
- Represents the conversion of restricted stock units to shares of common stock upon vesting of restricted stock units awarded as part of the Company's Long Term Incentive Plan. Twenty-five percent (25%) of the total units awarded vest and are payable, solely in shares of common stock of the Company on each anniversary of the award date.
- Represents remaining restricted stock units awarded on January 2, 2013 as part of the Company's Long Term Incentive Plan. Twenty-five (25%) of the total units awarded vest and are payable, solely in shares of the Company on each anniversary of the award date.
- Represents remaining restricted stock units awarded on January 2, 2014 as part of the Company's Long Term Incentive Plan. Twenty-five (25%) of the total units awarded vest and are payable, solely in shares of the Company on each anniversary of the award date.
- Represents remaining restricted stock units awarded on January 2, 2015 as part of the Company's Long Term Incentive Plan. Twenty-five (25%) of the total units awarded vest and are payable, solely in shares of the Company on each anniversary of the award date.
- Options granted to Reporting Person provides Reporting Person the right to purchase up to 12,500 shares of common stock of the Registrant at the exercise price.
- Represents Performance Units which will be awarded to the Reporting Person under the Company's Equity Incentive Plan upon achievement of the targeted return on invested capital for 2016. The maximum number of Performance Units which may be earned is two hundred percent (200%) of the Performance Units awarded for target level performance and the minimum number of Performance Units which may be earned is zero (0) Performance Units.
- Performance Units vest and are paid at the end of the three (3) consecutive calendar year periods ending December 31, 2018 or, if earlier, upon death, disability or retirement. Performance Units are forfeited if employment is terminated before December 31, 2018 for reasons other than death, disability or retirement or by the Company without cause. Performance Units are payable solely in cash in an amount equal to the ninety (90) day trailing average price of one (1) share of the Company's common stock determined as of December 31, 2018, or if applicable, as of the Reporting Person's death, disability or retirement.
- Represents Performance Units which will be awarded to the Reporting Person under the Company's Equity Incentive Plan upon achievement of the targeted return on invested capital for 2015. The maximum number of Performance Units which may be earned is two hundred percent (200%) of the Performance Units awarded for target level performance and the minimum number of Performance Units which may be earned is zero (0) Performance Units.
- Performance Units vest and are paid at the end of three (3) consecutive calendar year periods ending December 31, 2017 or, if earlier, upon death, disability or retirement. Performance Units are forfeited if employment is terminated before December 31, 2017 for reasons other than death, disability or retirement or by the Company without cause. Performance Units are payable solely in cash in an amount equal to the ninety (90) day trailing average price of one (1) share of the Company's common stock determined as of December 31, 2017, or if applicable, death, disability or retirement.
- Represents matching restricted stock units allocated to the Reporting Person after 2012 with respect to the Reporting Person's deferral of a portion of his base salary pursuant to the Company's Management Stock Purchase Plan.
- Restricted stock units are forfeited if Reporting Person's service as an officer of the Company is terminated prior to age sixty (60). If service as an officer continues through age sixty (60), restricted stock units are payable solely in cash in one lump sum payment or in five (5) or ten (10) consecutive, substantially equal annual installments, whichever distribution form is elected by the Reporting Person, beginning six (6) months following termination of service. Each restricted stock unit is converted to cash in an amount equal to the fair market value (200 day rolling average) of one share of the Company's common stock on the date of termination of the Reporting Person's service as an officer of the Company.
- Represents matching restricted stock units allocated to the Reporting Person prior to 2013 pursuant to the Company's Management Stock Purchase Plan equal in number to restricted stock units allocated to reflect the Reporting Person's deferral of a portion of his base salary.
- Restricted stock units are forfeited if employment is terminated prior to age sixty (60). If employment continues through age sixty (60), restricted stock units are payable solely in cash in five (5) consecutive substantially equal annual installments beginning six (6) months following termination of employment. Each restricted stock unit is converted to cash in an amount equal to the fair market value (200 day rolling average) of one share of the Company's common stock on the date the Reporting Person's employment is terminated.
- Represents restricted stock units allocated to the Reporting Person after 2012 with respect to the Reporting Person's deferral of a portion of his base salary pursuant to the Company's Management Stock Purchase Plan.
- Restricted stock units are payable solely in cash in one lump sum payment or in five (5) or ten (10) consecutive, substantially equal annual installments, whichever distribution form is elected by the Reporting Person, beginning six (6) months following termination of service as an officer of the Company. Each restricted stock unit is converted to cash in an amount equal to the fair market value (200 day rolling average) of one share of the Company's common stock on the date of termination of the Reporting Person's service as an officer of the Company.
- Represents restricted stock units allocated to the Reporting Person prior to 2013 pursuant to the Company's Management Stock Purchase Plan to reflect the Reporting Person's deferral of a portion of his annual director retainer fee.
- Restricted stock units are payable solely in cash in five (5) consecutive, substantially equal annual installments beginning six (6) months following termination of employment. Each restricted stock unit is converted to cash in an amount equal to the fair market value (200 day rolling average) of one share of the Company's common stock on the date the Reporting Person's employment is terminated.

Remarks:

/s/ Paul J. Schulz, Attorney in Fact for Kenneth W. Smith 01/05/2017

** Signature of Reporting Person Date

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

* 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.

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 Number.

Know all by these presents, that the undersigned hereby makes, constitutes and appoints each of Gerald S. Lippes, Michael E. Storck and Paul J. Schulz, acting individually, as the undersigned's true and lawful attorney-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

(1) prepare, execute, acknowledge, deliver and file Forms 3, 4, and 5 (including any amendments thereto) with respect to the securities of Gibraltar Industries, Inc., a Delaware corporation (the "Company"), with the United States Securities and Exchange Commission, any national securities exchanges and the Company, as considered necessary or advisable under Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations promulgated thereunder, as amended from time to time (the "Exchange Act");

(2) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information on transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to each of the undersigned's attorneys-in-fact appointed by this Power of Attorney and approves and ratifies any such release of information; and

(3) perform any and all other acts which in the discretion of such attorney-in-fact are necessary or desirable for and on behalf of the undersigned in connection with the foregoing.

The undersigned acknowledges that:

(1) this Power of Attorney authorizes, but does not require, each such attorney-in-fact to act in their discretion on information provided to such attorney-in-fact without independent verification of such information;

(2) any documents prepared and/or executed by either such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney will be in such form and will contain such information and disclosure as such attorney-in-fact, in his or her discretion, deems necessary or desirable;

(3) neither the Company nor either of such attorneys-in-fact assumes (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act; and

(4) this Power of Attorney does not relieve the undersigned from responsibility for compliance with the undersigned's obligations under the Exchange Act, including without limitation the reporting requirements under Section 16 of the Exchange Act.

The undersigned hereby gives and grants each of the foregoing attorneys-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary or appropriate to be done in and about the foregoing matters as fully to all intents and purposes as the undersigned might or could do if present, hereby ratifying all that each such attorney-in-fact of, for and on behalf of the undersigned, shall

lawfully do or cause to be done by virtue of this Limited Power of Attorney.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to each such attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 25th day of March, 2008.

/s/Kenneth W. Smith
Kenneth W. Smith

STATE OF NEW YORK
COUNTY OF ERIE

SS:

On the 25th day of March in the year 2008, before me, the undersigned, a notary public in and for said state, personally appeared Kenneth W. Smith, personally known to me or provided to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed the instrument.

/s/Kelly A. Goupil
Notary Public

[Notary Stamp]