

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 | |
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| OMB Number: | 3235-0287 |
| Estimated average burden hours per response: | 0.5 |

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| 1. Name and Address of Reporting Person * <u>Byrnes Charles Michael Jr.</u> (Last) (First) (Middle) 600 GRANT STREET SUITE 5100 (Street) PITTSBURGH PA 15219 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>KENNAMETAL INC [KMT]</u> | 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) Vice President |
| | 3. Date of Earliest Transaction (Month/Day/Year) 12/04/2017 | |
| | | 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 | 12/04/2017 | | M | | 23,656 | A | \$20.71 | 38,528 | D | |
| Common Stock | 12/04/2017 | | S | | 71 | D | \$46.57 | 38,457 | D | |
| Common Stock | 12/04/2017 | | S | | 24 | D | \$46.58 | 38,433 | D | |
| Common Stock | 12/04/2017 | | S | | 12,100 | D | \$46.585 | 26,333 | D | |
| Common Stock | 12/04/2017 | | S | | 5 | D | \$46.59 | 26,328 | D | |
| Common Stock | 12/04/2017 | | S | | 1,400 | D | \$46.598 | 24,928 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.6 | 24,828 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.604 | 24,728 | D | |
| Common Stock | 12/04/2017 | | S | | 1,500 | D | \$46.61 | 23,228 | D | |
| Common Stock | 12/04/2017 | | S | | 196 | D | \$46.62 | 23,032 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.625 | 22,932 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.63 | 22,832 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.632 | 22,732 | D | |
| Common Stock | 12/04/2017 | | S | | 4 | D | \$46.64 | 22,728 | D | |
| Common Stock | 12/04/2017 | | S | | 156 | D | \$46.65 | 22,572 | D | |
| Common Stock | 12/04/2017 | | S | | 300 | D | \$46.66 | 22,272 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.67 | 22,172 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.704 | 22,072 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.708 | 21,972 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.71 | 21,872 | D | |
| Common Stock | 12/04/2017 | | S | | 300 | D | \$46.74 | 21,572 | D | |
| Common Stock | 12/04/2017 | | S | | 200 | D | \$46.745 | 21,372 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.75 | 21,272 | D | |
| Common Stock | 12/04/2017 | | S | | 900 | D | \$46.78 | 20,372 | D | |
| Common Stock | 12/04/2017 | | S | | 300 | D | \$46.79 | 20,072 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.804 | 19,972 | D | |
| Common Stock | 12/04/2017 | | S | | 100 | D | \$46.823 | 19,872 | D | |
| Common Stock | 12/04/2017 | | S | | 5,000 | D | \$46.84 | 14,872 ⁽¹⁾ | 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) | 4. Deemed Execution Date, if any (Month/Day/Year) | 5. Transaction Code (Instr. 8) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|---|--------------------------------------|--|--------------------------------|--|--|--|--|---|--|
| 1. Title of Derivative Security (Instr. 3) | Derivative Security 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) | Date Exercisable | Expiration Date | Price of Derivative Security (Instr. 5) | Number of derivative Securities Beneficially Owned (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Nature of Indirect Beneficial Ownership (Instr. 4) |
| Stock Options | \$20.71 | 12/04/2017 | | M | (2) | 12/05/2025 | \$0 | 0 | D | |
| Explanation of Responses: | | | | Code V | (A) (D) | 23,656 | Common Stock | 23,656 | | |

1. Includes 1900 shares held in the Kennametal Inc. 401K Plan.

2. Grant has a graded vesting schedule. Date Exercisable will vary for each vesting tranche.

Michelle R. Keating

12/06/2017

** 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.