Rexford Industrial Realty, Inc.

Form 4

Preferred

December 21, 2016

| December 21, | 2010 | | | | | | | | |
|--|---|--|---|---------------------|---|-------------------------|---|--|--|
| FORM | 4 UNITED STATE | TATES SECURITIES AND EXCHANGE COMMISSION | | | | | OMB APPROVAL | | |
| Check this l | | Washington | | | | Number: | 3235-0287 | | |
| if no longer | | OF CHANGES IN | I RENEEI <i>C</i> | TAL OW | NEDSHID OF | Expires: | January 31, 2005 | | |
| subject to Section 16. Form 4 or Form 5 obligations | Filed pursuant t Section 17(a) of th | e Act of 1934, | Estimated average burden hours per response | | | | | | |
| may continu See Instruct 1(b). | ie. 200 | h) of the Investmer | • | | | | | | |
| (Print or Type Res | sponses) | | | | | | | | |
| 1. Name and Address of Reporting Person * Khan Adeel | | 2. Issuer Name ar Symbol | | | 5. Relationship of Reporting Person(s) to Issuer | | | | |
| | | Rexford Industr [REXR] | rial Realty, I | nc. | (Check all applicable) | | | | |
| (Last) | (First) (Middle) | 3. Date of Earliest (Month/Day/Year) | 3. Date of Earliest Transaction | | | | Owner or (specify | | |
| 11620 WILSH BOULEVARI | HIRE D, SUITE 1000 | 11/08/2016 | | | below) | below) Ginancial Office | er | | |
| | (Street) | 4. If Amendment, I Filed(Month/Day/Ye | ~ | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person | | | | |
| LOS ANGEL | ES, CA 90025 | | | | Form filed by M Person | ore than One Re | porting | | |
| (City) | (State) (Zip) | Table I - Non- | -Derivative Se | curities Acq | uired, Disposed of, | or Beneficial | ly Owned | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date 2A. (Month/Day/Year) Execution (Month/Day/Year) | cution Date, if Trans Code onth/Day/Year) (Instr | (Instr. 3, | (A) or |) Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| 5.875% Series A Cumulative Redeemable Preferred Stock | 11/08/2016 | P | V Amount | (D) Pric A \$ 24.6 | 100 | D | | | |
| 5.875% Series A Cumulative Redeemable | 11/09/2016 | Р | 5,360 | A \$ 24.6 | 5,460 5 | D | | | |

Stock

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

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.

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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. Transa Code (Instr. | | 5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | ate | Amor Unde Secur | le and ant of rlying ities . 3 and 4) | 8. Price of Derivative Security (Instr. 5) |
|---|---|---|---|---------------------------------|---|---|---------------------|--------------------|-----------------------|---|---|
| | | | | Code | V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Khan Adeel 11620 WILSHIRE BOULEVARD SUITE 1000 LOS ANGELES, CA 90025

Chief Financial Officer

Signatures

/s/ Adeel Khan 12/21/2016

**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).

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.

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