

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT
TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934

May 29, 2009

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED)

ROPER INDUSTRIES, INC.

(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

DELAWARE

(STATE OR OTHER JURISDICTION OF INCORPORATION)

1-12273

51-0263969

(COMMISSION FILE NUMBER)

(IRS EMPLOYER IDENTIFICATION NO.)

**6901 PROFESSIONAL PKWY. EAST, SUITE 200, SARASOTA,
FLORIDA**

34240

(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

(ZIP CODE)

(941) 556-2601

(REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE)

(FORMER NAME OR ADDRESS, IF CHANGED SINCE LAST REPORT)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On May 29, 2009, the Board of Directors of Roper Industries, Inc. (the "Company") accepted a notice of retirement from Mr. W. Lawrence Banks, effective as of June 3, 2009. Mr. Banks' retirement is in accordance with the Company's mandatory Director Retirement Policy detailed in the Company's Corporate Governance Guidelines.

The Board of Directors has not at this time taken formal action to nominate a candidate to serve as a director after Mr. Banks' retirement, but the Nominating and Governance Committee continually reviews potential candidates. Because there is not a replacement for Mr. Banks currently, the Board took action at its May 15, 2009 meeting to reduce its size from 9 to 8 members effective upon Mr. Banks' retirement, with the expectation that the Board size would be increased when a new candidate is identified.

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Roper Industries, Inc.
(Registrant)

BY: /s/ David B. Liner

David B. Liner,
Vice President, General Counsel and Secretary

Date: June 2, 2009