#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

### WASHINGTON, D.C. 20549

### FORM 8-K

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

Date of Report (Date of earliest event reported): February 2, 2010

Emerson Electric Co.

(Exact Name of Registrant as Specified in Charter)

Missouri

1-278 (Commission File Number) 43-0259330 (I.R.S. Employer Identification Number)

(State or Other Jurisdiction of Incorporation)

> 8000 West Florissant Avenue St. Louis, Missouri

(Address of Principal Executive Offices)

63136 (Zip Code)

Registrant's telephone number, including area code:

(314) 553-2000

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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o 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 February 2, 2010, Emerson Electric Co. announced the promotion of Frank J. Dellaquila, 53, to Chief Financial Officer, succeeding Walter J. Galvin. Mr. Galvin will remain with the Company as Vice Chairman and Director.

Following his promotion, Mr. Dellaquila will continue to serve as Senior Vice President. Mr. Dellaquila previously served as Senior Vice President – Acquisitions and Development from 2004 until his promotion to Senior Vice President-Finance and Controller in August 2009, and has been an officer of Emerson since 1991.

In connection with his promotion, Mr. Dellaquila's base salary was increased to \$450,000. In addition, he received an award of 20,000 performance share units under the Company's 2010 performance shares program, which are subject to the achievement of the performance target over a four-year performance period ending at the end of Fiscal 2013. For additional information on these performance shares, please see "Executive Compensation" in the Company's proxy statement for the 2010 Annual Meeting of Stockholders.

A copy of the February 2, 2010 press release announcing Mr. Dellaquila's election is attached hereto as Exhibit 99.1.

### Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description of Exhibits
99.1	Press Release dated February 2, 2010.

## SIGNATURE

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.

Date: February 5, 2010

EMERSON ELECTRIC CO. (Registrant)

By: /s/ Timothy G. Westman

Timothy G. Westman Vice President, Associate General Counsel and Assistant Secretary Exhibit NumberDescription of Exhibits99.1Press Release dated February 2, 2010.



news release

#### For immediate release

Contact: Mark Polzin, (314) 982-1758

# EMERSON NAMES FRANK DELLAQUILA AS CHIEF FINANCIAL OFFICER

ST. LOUIS, Feb. 2, 2010 – Emerson (NYSE: EMR) today announced the board of directors has elected Frank J. Dellaquila as senior vice president and chief financial officer. He succeeds Walter J. Galvin, vice chairman and chief financial officer, who has served as CFO for 17 years. Galvin will remain as vice chairman, and Dellaquila will join the Office of the Chief Executive (OCE) and report to David Farr, chairman, CEO and president.

Dellaquila, 53, who had been a senior vice president of finance and Emerson's controller since 2009, joined Emerson in 1991 as vice president and treasurer. He held that position until 2000 when he became senior vice president of finance and CFO for Emerson's Motors and Appliance Components business. In 2004, Dellaquila was named senior vice president of acquisitions and development for Emerson until his promotion to senior vice president of finance and controller.

"Frank has had a wide range of financial responsibility, including accounting, tax, and treasury functions. His experience and leadership skills make him a vital part of our management team for the future," Farr said. "We're all very grateful for the excellent work Walter has done for the company and its shareholders, and we're confident Frank will continue the high standard that Walter has set."

Dellaquila earned a bachelor's degree in accounting from Fordham University and a master's degree in business administration from Columbia University.

## Add One – Dellaquila New Emerson CFO

Galvin, 63, joined Emerson in 1973 and served in a range of key financial positions within Emerson businesses and at the corporate level. He has served as CFO since 1993, as executive vice president and CFO since 2000, and as senior executive vice president and CFO since 2004. He has been a management member of Emerson's Board of Directors since 2000 and was named vice chairman of the board in 2009. He will continue on in this role with responsibility for Government Relations, Financial Planning and Financial Services.

"Walter has done an outstanding job as Emerson's CFO and we appreciate and value his continued support," Farr added.

#### About Emerson

Emerson (NYSE:EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2009 were \$20.9 billion, and Emerson is ranked 94th on the *Fortune* 500 list of America's largest companies. For more information, visit <u>www.Emerson.com</u>.