

CPI INTERNATIONAL, INC.  
Form 8-K  
February 11, 2010

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

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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 10, 2010

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CPI INTERNATIONAL, INC.  
(Exact Name of Registrant as Specified in Charter)

Delaware  
(State or Other Jurisdiction  
of Incorporation)

000-51928  
(Commission File Number)

75-3142681  
(IRS Employer  
Identification No.)

811 Hansen Way, Palo Alto, CA  
(Address of Principal Executive Offices)

94303-1110  
(Zip Code)

Registrant's telephone number, including area code: (650) 846-2900

N/A  
(Former Name or Former 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 (see General Instruction A.2.):

- Written communications 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 (7 CFR 240.13e-4(c))
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Item 2.02. Results of Operations and Financial Condition.

On February 10, 2010, CPI International, Inc. issued a press release announcing its financial results for its first quarter of fiscal 2010 ended January 1, 2010.

A copy of the press release is furnished as Exhibit 99.1 to this report.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

99.1 CPI International, Inc. press release dated February 10, 2010

The information in this Form 8-K and the exhibit attached hereto pursuant to Item 9.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act by CPI International, Inc., except as expressly set forth by specific reference in such a filing.

SIGNATURE

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

CPI INTERNATIONAL, INC.  
(Registrant)

Date: February 10, 2010  
Joel A. Littman  
Chief Financial Officer

By: /s/ Joel A. Littman