RUDOLPH TECHNOLOGIES INC Form 8-K April 28, 2014

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): April 28, 2014 Rudolph Technologies, Inc. (Exact name of registrant as specified in its charter)

DELAWARE	000-27965	22-3531208
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

One Rudolph Road, P.O. Box 1000, Flanders, NJ 07836 (Address of principal executive offices) (Zip code)

Registrant's telephone number, including area code: (973) 691-1300

Not applicable

(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:

[] 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 (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On April 28, 2014, Rudolph Technologies, Inc. issued a press release reporting its financial results for the three months ended March 31, 2014. The press release is attached hereto as Exhibit 99.1.

The information in this Current Report on Form 8-K and the Exhibit attached hereto 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, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits. (d) Exhibits

Exhibit No. Description of Exhibit

99.1 Press Release issued April 28, 2014

EXHIBIT INDEX

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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 thereunto duly authorized. Rudolph Technologies, Inc. Date: April 28, 2014 By: /s/ Paul F. McLaughlin

By: /s/ Paul F. McLaughlin Paul F. McLaughlin Chairman and Chief Executive Officer