

Item 2.02. Results of Operations and Financial Condition.

On May 2, 2018, Rudolph Technologies, Inc. issued a press release reporting its financial results for the three months ended March 31, 2018. 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 May 2, 2018

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: May 2, 2018 By: /s/ Michael P. Plisinski
Michael P. Plisinski

Chief Executive Officer