

RUDOLPH TECHNOLOGIES INC
 Form 3/A
 December 16, 2015

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Walker Timothy J.		(Month/Day/Year)	RUDOLPH TECHNOLOGIES INC [RTEC]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
				11/30/2015
ONE RUDOLPH RD,Â P.O. BOX 1000			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input type="checkbox"/> Officer	<input checked="" type="checkbox"/> Other
			(give title below)	(specify below)
			VP of Manufacturing for PCG	
FLANDERS,Â NJÂ 07836				6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)		<input checked="" type="checkbox"/> Form filed by One Reporting Person
				<input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock ⁽¹⁾	5,550 ⁽²⁾	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date		Amount or Number of Shares		or Indirect (I) (Instr. 5)	
Incentive Stock Option (right to buy)	Â (3)	01/04/2016	Common Stock	762	\$ 14.46	D	Â
Incentive Stock Option (right to buy)	Â (3)	01/25/2016	Common Stock	1,777	\$ 14.81	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Walker Timothy J. ONE RUDOLPH RD P.O. BOX 1000 FLANDERS, NJ 07836	Â	Â	Â	VP of Manufacturing for PCG

Signatures

/s/ Robert A. Koch For: Timothy J. Walker 12/16/2015

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each Restricted Stock Unit represents a contingent right to receive one (1) share of RTEC Common Stock.
- (2) 20% of the shares of Common Stock subject to the Restricted Stock Unit vest each year on the grant date. Generally, vested shares will be delivered to the reporting person as soon as practicable after vesting.
- (3) At the time of grant, 20% of the Common Stock subject to the Option became exercisable each year on the grant date. Currently these options are fully vested.

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Remarks:

This filing is made solely to amend the amount of Common Stock held as of November 24, 201

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.