

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Sodhi Rajwant</u> (Last) (First) (Middle) <u>9001 SPECTRUM BLVD</u> (Street) <u>SAN DIEGO CA 92123</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>RESMED INC [RMD]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) <u>President, SaaS Business</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/10/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
ResMed Common Stock	11/10/2017		F		688 ⁽¹⁾	D	\$83.06	29,472 ⁽²⁾⁽³⁾	D	
ResMed Common Stock	11/10/2017		F		1,227 ⁽⁴⁾	D	\$83.06	28,245	D	
ResMed Common Stock	11/10/2017		F		1,363 ⁽⁵⁾	D	\$83.06	26,882	D	
ResMed Common Stock	11/10/2017		F		361 ⁽⁶⁾	D	\$83.06	26,521	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

- Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/19/2014.
- Includes 152 shares of ResMed stock purchased on October 31, 2017, through the ResMed Employee Stock Purchase Plan.
- Corrects misstatement of shares reported. Certified outstanding shares totaled 6,528 for grant issued 11/19/2015 prior 16-b officer status.
- Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/19/2015.
- Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/16/2016.
- Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 12/16/2013.

Rajwant Sodhi

** Signature of Reporting Person

11/14/2017

Date

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

* If the form is filed by more than one reporting person, see Instruction 4 (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).

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

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