

1 Rule 3.19A.2

Appendix 3Y

Change of Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/9/2001.

Name of entity	RMD
ABN	46 064 514 852

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Louis A. Simpson
Date of last notice	December 22, 2003

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Direct or indirect interest	Direct and Indirect
Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	Trust - 25,000 Spouse - 4,000 Direct - 18,200
Date of change	July 2, 2004
No. of securities held prior to change	Shares 47,200 shares Options 33,000 options
Class	Common Stock
Number acquired	12,000
Number disposed	
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	US\$611,400
No. of securities held after change	Shares 47,200 Options 45,000

+ See chapter 19 for defined terms.

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Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Annual option grant pursuant to ResMed's 1997 Equity Participation Plan.
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Part 2 – Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract
Nature of interest
Name of registered holder (if issued securities)
Date of change
No. and class of securities to which interest related prior to change Note: Details are only required for a contract in relation to which the interest has changed
Interest acquired
Interest disposed
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation
Interest after change

+ See chapter 19 for defined terms.