



Controlair, Inc
8 Columbia Dr
Amherst NH 03031
United States



Certificate of Compliance to IEC 61508

FM Approvals
Certifies herewith that the

Type 6500/6600 Volume Booster
(Safety Manual [441-622-149])

Complies with the relevant requirements of standards listed below:

Standards	Description	Compliance
IEC 61508-1: 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2: 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2

And therefore

**IS DECLARED "FIT FOR USE" IN A
Low Demand SAFETY APPLICATION**

Models	SIL	HFT	SFF	PFD	λ_S	λ_{DD}	λ_{DU}
Type 6500/6600	3	0	93.5%	1.54×10^{-5}	3.90×10^{-8}	1.15×10^{-8}	3.49×10^{-9}

*This certificate is subject to conditions of use presented in FM Approval Report
Project ID # 3055291*

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16 December 2015

Date