

## EMC TEST REPORT

**Report Number:** 101869034GRR-014A

**Project Number:** G101869034

**Report Issue Date:** April 13, 2016

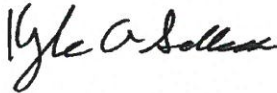
**Product Designation:** RS-00500  
Dumog Oxygen Concentrator

**Standards:** IEC 60601-1-2 ed3.0 (2007-03)  
RTCA DO-160, Rev. G (December 8, 2010)

Tested by:  
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## 1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 4.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested.

**2 Test Summary**

Section	Test full name	Test Date	Result
3	Client Information		–
4	Description of Equipment Under Test		–
5	System Setup and Method		–
6	Radiated Emissions CISPR11 ed5.0 (with A1:2010) RTCA DO-160 rev. G (December 8, 2010)	April 8, 2015 April 20, 2015	Pass Pass
7	AC Mains Conducted Emissions CISPR11 ed5.0 (with A1:2010)	February 10, 2015	Pass
8	Harmonics IEC 61000-3-2 ed4.0 (2014-05)	February 10, 2015	Pass
9	Flicker IEC 61000-3-3 ed3.0 (2013-05)	February 10, 2015	Pass
10	Electro-Static Discharge Immunity Test IEC 61000-4-2 ed2.0 (2008-12) RTCA DO-160 rev. G (December 8, 2010)	February 13, 2015 February 16, 2015	Pass Pass
11	Radiated, Radio-Frequency, Electromagnetic Immunity IEC 61000-4-3 ed3.0 (with A1:2007+A2:2010) RTCA DO-160 rev. G (December 8, 2010)	February 10, 2015 January 17 – 18, 2015	Pass Pass
12	Electrical Fast Transient/Burst Immunity Test IEC 61000-4-4 ed3.0 (2012-04)	February 19, 2015	Pass
13	Immunity to Surges IEC 61000-4-5 ed3.0 (2014-05)	February 19, 2015	Pass
14	Conducted, Radio-Frequency, Electromagnetic Immunity Test IEC 61000-4-6 ed2.0 (with A1:2004+A2:2006)	February 10, 2015	Pass
15	Power Frequency Magnetic Field Immunity Test IEC 61000-4-8 ed2.0 (2009-09)	February 12, 2015	Pass
16	Voltage Dips/Interruptions Immunity Test IEC 61000-4-11 ed2.0 (2004-03)	February 19, 2015	Pass
17	Magnetic Effects RTCA DO-160 rev. G (December 8, 2010)	February 19, 2015	Pass
18	Section 5 User Information and Guidance Tables		–
19	Revision History		–

Notes: