TEST REPORT

Report Number: 3182564MIN-001
Project Number: 3182564

Testing performed on the
TPOC

To
RTCA/DO-160F:2007
Section 21
Radiated Emissions for Category M Equipment

For
Invacare Corporation

Test Performed by:
Intertek Testing Services NA, Inc.
7250 Hudson Blvd., Suite 100
Oakdale, MN 55126

Test Authorized by:
Invacare Corporation
One Invacare Way, PO Box 4028
Elyria, OH 44036

Prepared by: ____________
Norman Shpilsher

Reviewed by: ____________
Uri Spector

Date: July 7, 2009

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1.0 DESCRIPTION OF THE SAMPLE (EUT)

<table>
<thead>
<tr>
<th>Model:</th>
<th>TPOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of EUT:</td>
<td>Portable Oxygen Concentrator</td>
</tr>
<tr>
<td>Serial Number:</td>
<td>Unit #1</td>
</tr>
<tr>
<td>Company:</td>
<td>Invacare Corporation</td>
</tr>
<tr>
<td>Customer:</td>
<td>Mr. David Polacek</td>
</tr>
<tr>
<td>Address:</td>
<td>One Invacare Way, PO Box 4026</td>
</tr>
<tr>
<td>Phone:</td>
<td>440-329-8147</td>
</tr>
<tr>
<td>Fax:</td>
<td>440-326-3911</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Standards:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ EN 55022:2008+A1:2007, Class A</td>
</tr>
<tr>
<td>☐ EN 55011:2007, Group 1, Class B</td>
</tr>
<tr>
<td>☐ EN 61326-1:2006 for Radiated and Conducted Emissions</td>
</tr>
<tr>
<td>☒ RTCA/DO-160F:2007, Section 21, Radiated Emissions for Category M Equipment</td>
</tr>
<tr>
<td>☐ EN 61000-6-3:2007</td>
</tr>
<tr>
<td>☐ EN 61000-6-4:2007</td>
</tr>
<tr>
<td>☐ EN 61000-3-2:2006</td>
</tr>
<tr>
<td>☐ Other</td>
</tr>
</tbody>
</table>

| Date Sample Submitted: | July 7, 2009 |
| Test Work Started:     | July 7, 2009 |
| Test Work Completed:   | July 7, 2009 |
| Test Sample Conditions: | ☐ Damaged ☐ Poor (Usable) ☒ Good |
|                       | ☐ Prototype ☒ Production ☐ Used |
2.0 TEST SUMMARY

Referring to the performance criteria and the operating mode during the tests specified in this report, the equipment complies with the requirements according to the following standards.

<table>
<thead>
<tr>
<th>TEST STANDARD</th>
<th>TEST</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.5</td>
<td>Radiated RF Emissions</td>
<td>Pass</td>
</tr>
</tbody>
</table>
3.0 EQUIPMENT UNDER TEST

3.1 Power Configuration

<table>
<thead>
<tr>
<th>Rated voltage:</th>
<th>☐ 120VAC ☐ 230VAC ☐ 400VAC ☒ 16VDC from internal battery ☐ Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current:</td>
<td>Amp.</td>
</tr>
<tr>
<td>Rated frequency:</td>
<td>☐ 50Hz ☐ 60Hz</td>
</tr>
<tr>
<td>Number of phases:</td>
<td>☐ 1 Phase ☐ 3 Phases</td>
</tr>
</tbody>
</table>

3.2 EUT Configuration

The equipment under test was operated during the measurement under the following conditions:

☐ - Standby
☒ - Continuous Normal Operation (see details below)
☐ - Specific test program
☐ -

Operating modes of the EUT:

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>O2 concentrator is On, continuous O2 flow mode</td>
</tr>
</tbody>
</table>

Cables:

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Length</th>
<th>Designation</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Support equipment/Services:

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

General notes: None
3.3 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15-35 °C
Humidity: 30-60 %
Atmospheric pressure: 86-106 kPa
4.0 TEST CONDITIONS AND RESULTS

4.1 Radiated Emissions

Description of the test location

Test location:  ☑ Anechoic Chamber  
☐ OATS

Test distance:  ☑ 1 meter  ☐ 3 meters

Test result:  Pass

Frequency range:  100MHz - 6GHz

Notes:
1. EUT and measuring equipment setup according to the DO-160F, Section 21 standard.
2. Testing was performed in the Anechoic Chamber.
3. Testing was performed in frequency range 100MHz to 400MHz with RBW 10kHz (Graphs 1 and 2); in frequency range 400MHz to 1GHz with RBW 100kHz (Graphs 3 and 4); and in frequency range 1GHz to 6GHz with RBW 1MHz (Graphs 5 and 6).