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**COMMERCIAL IN CONFIDENCE**

**Environmental Test Report No : ENV 3325**

**Date : 25 February 2011**

**Cooper Fulleon Ltd**

*This report shall not be reproduced, except in full,  
without the written approval of the testing laboratory*

*All tests performed in this report are within the parameters defined in our  
UKAS Schedule of Accreditation 0042 (latest issue)*

*The results contained in this report relate only to the samples submitted*



0042

# Environmental Test Report Contents

## Cooper Fulleon Ltd

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### ***Report Distribution :***

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|---------------|---|---------------------------------------|
| <b>Copy 1</b> | : | Philip Williams<br>Cooper Fulleon Ltd |
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Test Authority

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Abtest Limited

Test Required By : Cooper Fulleon Ltd  
Llantarnam Park  
Cwmbran  
Gwent  
NP44 3AW

Customer's Order No : 4503425637

Description Of Components : Solista Maxi

Date Test Received : 17 January 2011

Quantity To Test : One

Sample Numbers : 1

Date Test Commenced : 21 January 2011

Date Test Completed : 26 January 2011

Test Result : Pass

This is to certify that all tests have been carried out in accordance with the quoted order/specification, test programme and the results have been accurately recorded in Test Report No : ENV 3325

Given under my authority under Approval Number : UKAS 0042

*M. D. Thomas*

Test Performed By : .....  
M D Thomas (Test Technician)

*A. Breese*

Report Approved By : .....  
A Breese (Director / General Manager)

Component : Solista Maxi

Test Report No : ENV 3325

One Solista Maxi Unit was submitted to the Test House for testing as per customers instructions

**Sample Identification**

**Part Number** : Not known  
**Quantity** : One  
**Sample Numbers** : Not numbered

**Test Applied**

**Test** : *Protection against Hazardous parts*  
**Test Specification** : BS EN 60529  
**Test Conditions** : IP6X  
1mm test wire gauge shall not penetrate.  
**Test Duration** : N/A

**Test Comments**

Satisfactory : 1mm test wire gauge did not penetrate.

**Test Result**

Passed

Component : Solista Maxi

Test Report No : ENV 3325

**Test Applied**

**Test** : *Dust & Vacuum*

**Test Specification** : BS EN 60529

**Test Conditions** : Tested in accordance with IP6X of above specification  
2 kg of talcum powder placed in suspension in a closed test chamber

**Test Duration** : IP6X Dust and vacuumed for 8 hours.

**Test Comments**

After testing the sample was carefully taken apart and all excessive dust was removed.  
No dust ingress was found internally  
12 volts supplied during the full test (Light Flashing at set intervals).  
For photographs see Appendix 'A'.

**Test Result**

Pass

**Test Applied**

**Test** : *Water Jet Test*

**Test Specification** : BS EN 60529

**Test Conditions** : Tested in accordance to IPX5 of above specification  
Water jet tested at a distance of 2.5 to 3 metres, at a flow rate of 12.5 litres per minute through a 6.3mm nozzle.

**Test Duration** : IPX5 water jet test for 3 minutes

**Test Comments**

The sample was carefully taken apart and all excessive water was removed.  
No water ingress was found internally  
12 volts supplied during the full test (Light Flashing at set intervals).  
For photographs see Appendix 'A'.

**Test Result**

Pass

Customer : Cooper Fulleon Ltd

Component : Solista Maxi

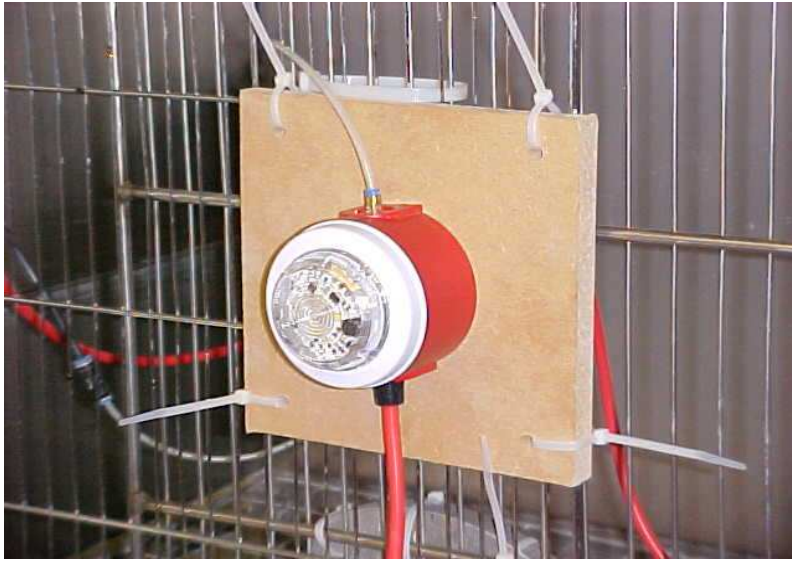
Test Report No : ENV 3325

**TEST EQUIPMENT & MEASURING ACCURACY**

| <u>Equipment Description</u> | <u>Manufacturer</u> | <u>Calibration Number</u> | <u>Next Calibration Date</u> |
|------------------------------|---------------------|---------------------------|------------------------------|
| Dust Chamber                 | ACE                 | 0/452                     | Cal when used                |
| Measuring tape               | Stanley             | MS034                     | Aug 2011                     |
| Stop watch                   | Not Known           | MSS095                    | Nov 2011                     |
| Nozzle                       | Abtest Ltd          | 0/448A                    | July 2011                    |

# Appendix 'A'

Test Photographs



Dust set-up

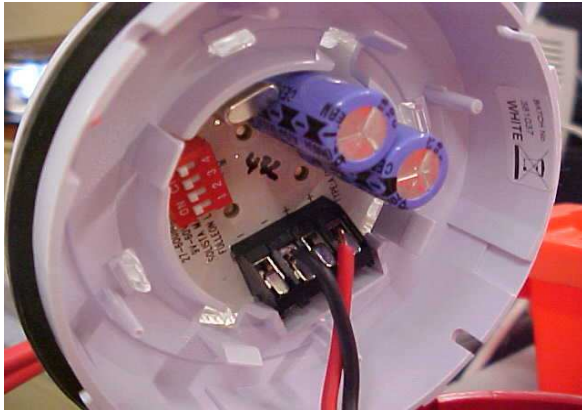


Post dust test

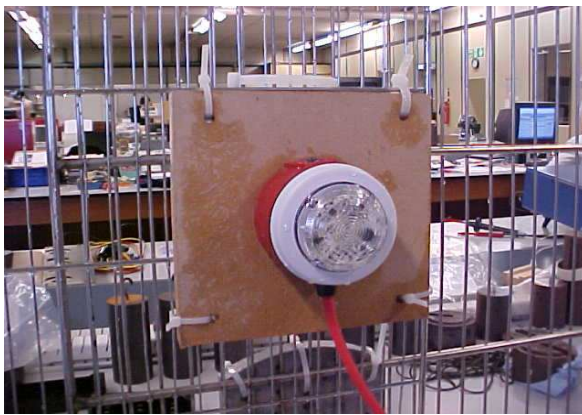


Inspection after dust





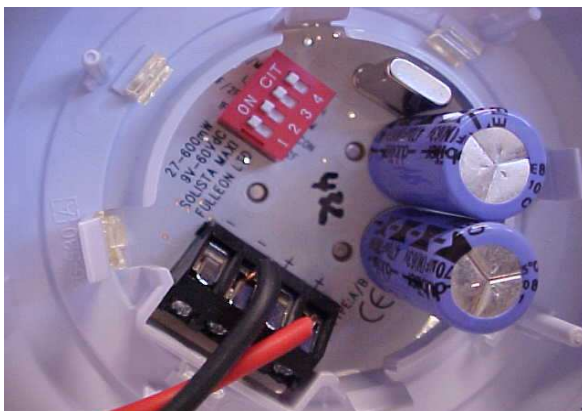
Inspection after dust



Water test set-up



Inspection after water



Inspection after water