

Date: 26 August 2016
Certificate No: JC 15-0714

Dorma South Africa Pty Ltd
Po Box 50001
Waterfront
8002

CERTIFICATE OF COMPLETION THE WATERSHED CAPE TOWN 1

This is to certify that the work described hereunder has been completed to the entire specification of the scope of work which is conducted within accepted rules of good engineering practice that are Internationally acknowledged as being theoretically correct and established and hereby confirm that Curvent International (Pty) Ltd are absolved from any responsibility or liability for any damage or applications caused by others to the work described

STANDARDS

Curvent International (Pty) Ltd hereby certifies that the fire ventilator test facility and the test method were carried out in accordance with **BS 7346: Part 1: 1990**. The flow measurements (Pitot tube traverse) and pressure measurements used in the testing method were in accordance with BS 848: Part1: 1980. The results stipulated represent a true record of the measured parameters and the derived values were calculated using scientifically correct formulae. The dimensions and area of the ventilators represent a true record of the measured parameters and is verified by a qualified independent body.

EQUIPMENT SPECIFICATIONS

Type	Louvred Bladed Smoke Ventilators
Model	Curvent Fire-X type FXV-12
Primary Activation	Fusible Links at 72°C
Secondary Activation	24 DC
Battery Backup	8 hours
Coefficient of Discharge	0.66
Aggregate Throat Area	1.54m ²
Total Units	24
Total Ventilation	18.48m ²
Manuel Door with auto Louvers	4
Mag Catch & Key switch Control Panel	1

GUARANTEE

Curvent International (Pty) Ltd guarantee the operation of the smoke ventilation system for a period of twelve (12) months from date of installation, mandated by the date of invoice, against faulty workmanship and materials, and would undertake such repairs at no cost to the client, within a reasonable time providing total access is afforded us to the area requiring repairs. Any bought-out products will carry the supply company's normal guarantees. Any claim under this guarantee must be made to Curvent International (Pty) Limited in writing within 7 (seven) days of the discovery of the defect.

The guarantee does not cover due to:-

1. Damage caused by steel structure settlement, faulty construction or design, or any other defect of the steel structure which contributed to this damage.
2. Damage caused by fire, earthquakes, tremors, riots or Acts of God, nor a change in environmental conditions.
3. Wilful or physical damage palpably caused by others, or other agencies which cannot be reasonably foreseen.
4. Damage to any electrical component or motor drive caused by physical damage, electrical overload, electrical surge, lightning or any other form of electrical damage.
5. Mechanical damage caused by impact or abrasion of any form, matter or means.
6. Chemical damage resulting from cleaning by others used outside the Manufactures specifications.
7. Failure of the sprinkler flow switch or smoke detection system by others to activate the smoke extraction stem.
8. Failure of the ventilator operation due to incorrect installation procedures by others.

The above guarantee is subject to **Curvent International (Pty) Ltd** having been paid in full for the work undertaken. The above guarantee will cease automatically within twelve (12) months from the issued date of this guarantee, mandated by the date of invoice. A service level agreement is available to satisfy the intentions of National Building Regulations and Building Standards Act 103 of 1977, read with SANS 10400-A: 2010 Regulation A15 after the guarantee has expired.

This Guarantee may not be transferred to a third party or modified orally and no change or modification shall be effective unless made by written endorsement hereon signed by an officer of the Guarantor. This Guarantee is in lieu of and excludes all other warranties, guarantees, obligations or promises, whether express or implied by contract or by law.

By:


DEON ROSSOUW
NATIONAL PROJECT MANAGER