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EWFA CERTIFICATE OF TEST	CERTIFICATE No : SFC 2220700.1	Page 1 of 1
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Report Sponsor	Certificate Issue Date
GT-Gulf (M) SDN. BHD., Lot 9, Jalan 13/6, 46200 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA	22/04/2010

Introduction

The element of construction described below was tested by this laboratory on behalf of the test sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced test report for further information.

Referenced Reports	Report Date	Test Standard	Significant Variations from standard test procedures and conditions
EWFA 2220700.1	13/04/2010	BSEN 12101- 3:2002	None

Description of Tested Specimen

TEST ASSEMBLY- The test assembly comprised an electrically powered axial fan within a fan casing and installed within an instrumented section of duct.

TEST SPECIMEN- GT-GNN Smoke Axial Jet Fan Model No: JF400 powered by an electric motor contained within a fan casing of nominal 400mm id. The fan impeller consisted of 5 aluminium blades with a pitch angle of 10° and a nominal clearance of 17 mm to the inside of the fan casing. The tested motor was a CMG three phase asynchronous "Smoke Spill Application Motor" Model No. SGA 9054-2/4 powered by an electrical supply of 415 V / 50 Hz, and the rated wattage was 0.24/1.2 kW. The maximum rated speed was 1440/2880 RPM.

ORIENTATION- The specimen was installed with the fan drawing air from the furnace over the electric motor. Refer to the full report, EWFA 2220700.1, for a complete description of the test specimen construction and significant behaviour.



Test Results

Class	Unclassified
Temperature	300 °C
Minimum Functioning Period	120 minutes

Notes

THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE.

Reference should be made to the relevant test report to determine the applicability of the test result to a proposed installation. The results of these fire tests may be used to assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd	
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