

## TEST REPORT

REPORT NO.: 2010MA0240

PAGE : 1 OF 5

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Applicant : **ODOURBUSTER TECHNOLOGIES (M) SDN.BHD.**  
2<sup>ND</sup> FLOOR, 100 JLN. BPJ 1/1, SEK.1,  
BANDAR PUTERI JAYA, 08000 SG. PETANI,  
KEDAH, MALAYSIA

Manufacturer : **Same as Above.**

Product : **Odour Extractor**

Reference Standard /  
Method of test : **MANUFACTURING SPECIFICATION**

Description of sample : Brand : **ODOURBUSTER**  
Model : **UNIVERSAL and OD-CLS-VI**  
Serial No /Marking : **Nil**  
Quantity : **1 Unit of Each (2 sets)**

Our reference : **SQAS/MPT/13/16**

Date received : **26 MARCH 2010**

Job no./Ref. No. : **J 2010 505 0198**

Issued date : **09 APR 2010**

Approved Signatories

  
.....  
(AHMAD NAZIEN ANUAR)  
Senior Technical Executive



  
.....  
(HASNUL AKMAL HARON)  
Group Leader,  
Mechanical and Automotive Section,  
Testing Department

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Specification : Manufacturer's Specification

Test Equipment : Airflow Meter (ANEMOMETER)  
(Calibration Reference: SGS EMC Services, Certificate No.: EM/2002/10118 and NML F-09707C01700 by Yen Tjing Ling Industrial Research Institute, National Taiwan University, expiry date 2<sup>nd</sup> March 2011)

Test Method : Test the airflow rate of odourbuster extractor which was fitted to the sanitary bowl, measurements were recorded from the bowl outlet for 10 minutes with the sanitary bowl seat/lid cover open and closed.

Test Result : As Below (at Air Temperature 29.0 °C)

TIME (Min.)	BRAND ODOURBUSTER MODEL :-	AIR-SPEED (m/s)			AVERAGE SPEED (m/s)	AVERAGE FLOWRATE (l/s)
10	UNIVERSAL Sanitary bowl Seat/lid cover OPEN	2.18	2.18	2.18	2.18	19.24
10	UNIVERSAL Sanitary bowl Seat/lid cover CLOSED	2.16	2.16	2.16	2.16	19.06
10	OD-CLS-V1 Sanitary bowl Seat/lid cover OPEN	1.49	1.49	1.49	1.49	13.15
10	OD-CLS-V1 Sanitary bowl Seat/lid cover CLOSED	1.45	1.45	1.45	1.45	12.80

THE REQUIREMENTS OF: The Building Regulations 2000 F1, Table 1.1a extraction ventilation rates is as below:

ROOM	MINIMUM INTERMITTENT EXTRACT RATE	CONTINUOUS EXTRACT	
		Minimum high rate	
Bathroom	15 l/s	8 l/s	
Sanitary accommodation	6 l/s		



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OD-CLS-V1



Airflow rate measured with  
the seat cover closed



Airflow rate measured with  
the seat cover opened



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UNIVERSAL



Airflow rate measured with  
the seat cover opened



Airflow rate measured with  
the seat cover closed



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**Photograph Of Anemometer at The Outlet Pipe**



Outlet Pipe Internal  
Diameter = 106mm



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