

## TEST REPORT

REPORT NO.: 2010MA0240

PAGE : 1 OF 5

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf for Conditions Relating To The Use of Test Report.

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

This report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director, SIRIM QAS International Sdn. Bhd.

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		



This report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director, SIRIM QAS International Sdn. Bhd.

OD-CLS-V1



Airflow rate measured with  
the seat cover closed



Airflow rate measured with  
the seat cover opened



This report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director, SIRIM QAS International Sdn. Bhd.

UNIVERSAL



Airflow rate measured with  
the seat cover opened



Airflow rate measured with  
the seat cover closed



This report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director, SIRIM QAS International Sdn. Bhd.

Photograph Of Anemometer at The Outlet Pipe



Outlet Pipe Internal  
Diameter = 106mm



<a href="#">HOME</a>	<a href="#">ABOUT US</a>	<a href="#">OUR SERVICES</a>	<a href="#">BUSINESS SECTOR</a>	<a href="#">CAREERS</a>	<a href="#">APPLICATION</a>	<a href="#">CONTACT US</a>
----------------------	--------------------------	------------------------------	---------------------------------	-------------------------	-----------------------------	----------------------------



Monday, 12 April 2010  
search...

**Welcome to SIRIM QAS International Sdn Bhd**

SIRIM QAS International is Malaysia's leading certification, inspection and testing body. We offer value added services to customers, both locally and internationally, in an impartial, competent and efficient manner.

**Our Worldwide Recognition**

SIRIM QAS International's certification, inspection and testing services comply with internationally recognized standards. Testimony of this is the accreditations and recognitions by:-



**Management System Certification**

As a global player in the certification business, we offer a wide range of certification services to assist organizations to penetrate the local, regional and international markets. Read more....

**Product Certification**

We provide Product Certification Services for many sectors that gives a credible and cost effective 3rd Party assurance on quality, safety and reliability. Read more.....

**Product Testing**

We have elevated the status of our testing laboratories to world class competence. SIRIM QAS reckons that it is essential to maintain the competency to remain competitive. Read more.....

**Inspection**

We are fully authorized to undertake inspections complying with regulation and procedures for many certification bodies and regulatory agencies. Read more.....

**Quick Links**

- [Application](#)
- [Highlights](#)
- [Customer Feedback](#)
- [Map](#)
- [Telephone Directory](#)
- [Web Links](#)

**Announcement**

- ▶ Are You Getting a Credible Test Report
- ▶ SQASI as UL Approved Test Lab
- ▶ Conformity Certificate - Saudi Arabia
- ▶ CSA-SIRIM Customer Service
- ▶ Public Certification Summary of Segaljud-Lokan Forest Management Unit
- ▶ PEFC-notified CB for Chain-of-Custody Certification
- ▶ Public Certification Summary Of Negeri Sembilan Forest Management Unit
- ▶ Call For Comment-Bukit Leelau RSPO Certification
- ▶ MS 1900 Training
- ▶ Seminar CBM for Oil & Fuel Analysis

