

## SECTION 5

### EXAMPLE OF A COMPLETED TEST SHEET

Based on ductwork illustrated in Fig. 1

Test Certificate No.	24033 / 001
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Date	12/12/2013
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Project:	New Hospital Project
Material:	Pre-Galvanised
Test Pressure	1500 Pa
Leakage Class	Class "C"

Building No.	Ward Block 2
Location	3 <sup>rd</sup> Floor - Supply
Drawing No.	24033 - 012
Sheet No.	01 of 01

Test Equipment Details			
Equipment	Serial No.	Calibration Certificate No.	Expiry Date
Digital Pressure Meter	123456	PM - 123456/001	Dec 1401

Duct Item No(s).								Equipment	
								Type	Ref No.
01	02	03	04	05	06	07	08	Sound Attenuator	S-1098
09	10	11	12	13	14	15			

Surface Area M <sup>2</sup>			
Length (M)	Duct Size (mm)	Periphery (mm)	Surface Area (M <sup>2</sup> )
17.55	800 x 750	3100	54.40
5.57	600 x 650	2500	13.93
1.20	300 x 300	1200	1.44
7.00	305 $\phi$	958	6.70
4.50	250 $\phi$	785	3.53
Total:			80.00

#### Test Particulars

a) Surface area under test (as above)	80.00	M <sup>2</sup>
b) Leakage factor (DW143 Table-22)	0.35	l/s/M <sup>2</sup>
c) Maximum permitted leakage (A x B)	28.0	l/s/M <sup>2</sup>
d) Duct Static Pressure Reading	1500	Pa
e) Air Flow Leakage	18.00	l/s/M <sup>2</sup>
f) Duration of Test (Minimum 15 minutes)	15	min
g) Test Result (Pass / Fail)	Pass	

Final Acceptance (Ductwork Contractor)	Signed	Andrew Other
	Print	A N OTHER
	Date	ABC Ducts Ltd

Final Acceptance (Client or their representative)	Signed	A Windsor
	Print	A WINDSOR
	Date	A B Consultants