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# SMACNA Leakage Class Duct Leakage Test Sheet

Submitted by:

Project Name:

Building Reference:

Drawing Number:

Duct system tested:

Duct Construction Class (*in.wg.*):

Specified target test pressure (*in.wg.*):

Rectangular   Round   Flat Oval

Test duct surface area (*ft*<sup>2</sup>):

SMACNA Leakage Class:

Leakage Factor, (*cfm/100 ft*<sup>2</sup>):

Duct tester manufacturer:

Duct tester model:

Ambient air temperature (°F):

Barometric Pressure (*In.Hg.*):

Orifice plate used:

Actual test pressure (*in.wg.*) [DUCT SYSTEM gauge]:

Orifice pressure drop (*in.wg.*) [ORIFICE PLATE gauge]:

Orifice plate serial number:

Actual leakage rate (*cfm*):

Max. allow leakage @ Actual test pressure (*cfm*):

Pass/Fail:

Tested by:

Witnessed by:

Date:

Company:

Company:

Time:

## Duct Surface Area Calculation

Sect. No.	Rectangular				Round		Flat Oval				Surf. Area ( <i>ft</i> <sup>2</sup> )
	W ( <i>in.</i> )	x	H ( <i>in.</i> )	Len. ( <i>ft</i> )	Diam. ( <i>in.</i> )	Len. ( <i>ft</i> )	W ( <i>in.</i> )	X	H ( <i>in.</i> )	Len. ( <i>ft</i> )	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
Total:											

## Duct Tester Configuration

Orifice Plate No.	Serial Number	Orifice Diameter ( <i>in.</i> )	Orifice Coefficient
1			
2			
3			
4			
5			
6			
7			
8			