

Air Meter Calibration Worksheet

Equipment ID: _____	Date: _____
Manufacturer: _____	Performed By: _____
Model #: _____	Last Calibration: _____
Serial #: _____	Next Calibration Due: _____
Storage Location: _____	

Calibration Item: Check critical dimensions of measuring bowl, verify expansion factor and pressure gauge readings

Calibration Procedure: In-House Procedure for Verifying Air Meter

Calibration Equipment: Ruler readable to 1/16 inch (1 mm) or better

Critical Dimensions	Measurement	Tolerance	Pass / Fail	
Measuring Bowl Diameter	_____	-		
Measuring Bowl Height	_____	-		
Diameter/Height Ratio	_____	0.75 to 1.25	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Measuring Bowl Volume <i>(see Standardization Vessel)</i>	_____	at least 0.20 ft ³ (5.7 L)	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Expansion Factor (IP)

Initial Pressure	_____		
Final Pressure	_____	should be 0 %	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Pressure Gauge

Initial Pressure	_____	-	
% Water Removed	_____	normal range of use	
Gauge Reading	_____	± 0.1 % of water removed	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Pass / Fail _____
Initial By _____