factair Safe-Air Tester Results

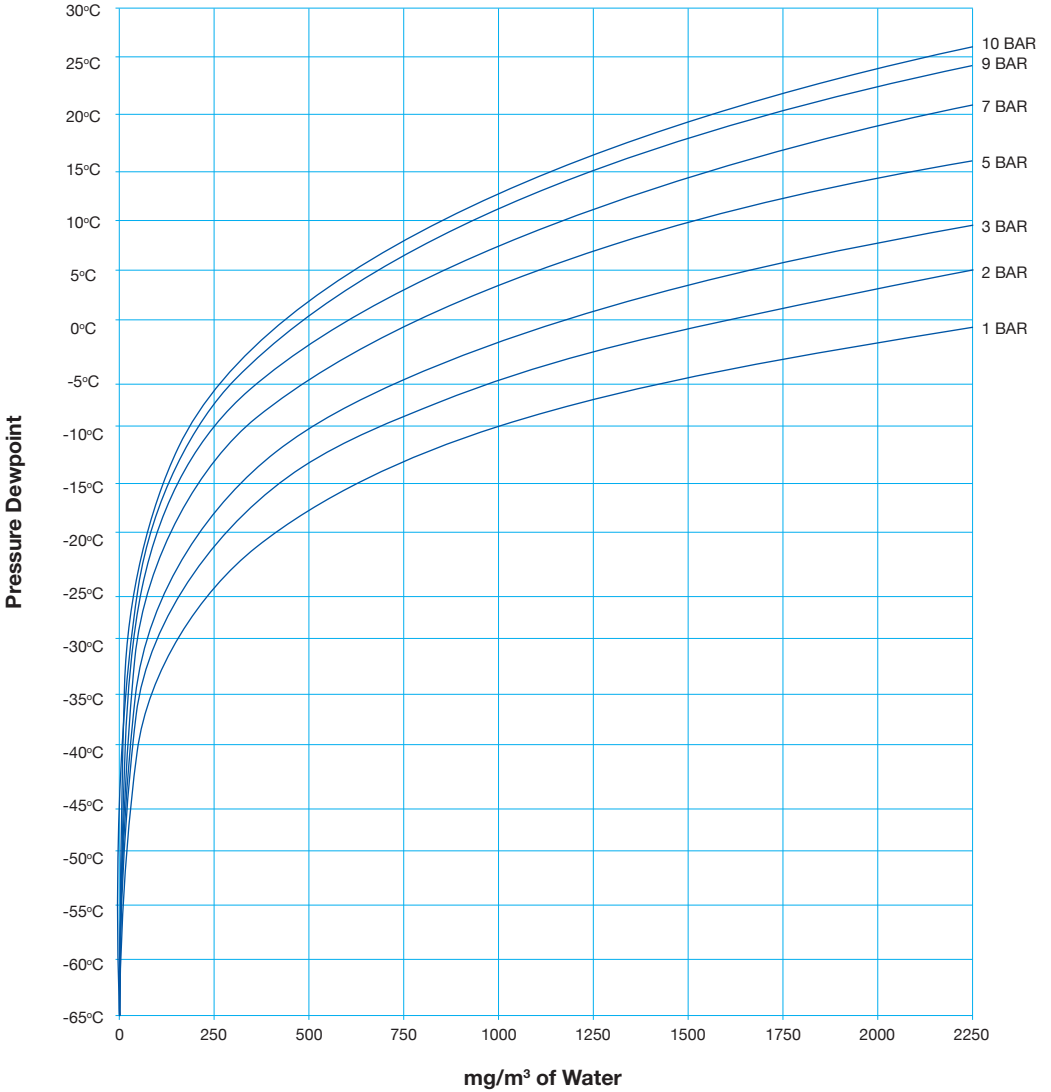
Test Date:	D D M M Y Y	**Tester Model:**	
		Serial No:	
		Calibration Date:	
Test Category:	☐ Airline <40 Bar	☐ <200 Bar Cylinders	☐ >200 Bar Cylinders ☐ HP Charging Compressor
Test Location:			
Location Address:			

Test	Reading	Result	BS EN12021 Requirements / Notes
1 Ambient Temperature	°C		
2 Test Point Volume*	L/min	Pass / Fail / NA	Suitable for RPD
3a Test Pressure*	BAR	Pass / Fail / NA	Suitable for RPD
3b Cylinder Pressure	BAR		Cylinder contents gauge
4 Odour		Pass / Fail	
5 Oxygen (O_2)	%	Pass / Fail	20-22% by volume
6 Carbon Monoxide (CO)	ppm	Pass / Fail	5 ppm (5 ml/m^3) max
7 Carbon Dioxide (CO_2)	ppm	Pass / Fail	500 ppm (500 ml/m^3) max
8 Oil Mist		Pass / Fail	Less than 0.5 mg/m^3 max
9 Water Vapour (H_2O)**	mg/m^3	Pass / Fail / NA	**HP Cylinders** HP Cylinders <200 Bar 50mg/m^3 max HP Cylinders >200 Bar 35mg/m^3 max HP Charging Compressor 25mg/m^3 max
9a Pressure Dewpoint *(refer to graph overleaf)*	°C	Pass / Fail / NA	**Airline <40 Bar** Pressure dewpoint to be 5°C below likely lowest ambient temperature. Where temperature is not known then pressure dewpoint should not exceed -11°C.

*** Airline only – if NA entered then certificate covers air quality only.**
**** For tests conducted on the high range 50-2000mg/m^3 instrument setting enter the tube result multiplied by 10.**

OVERALL RESULT	Pass ☐ Fail ☐	**NEXT TEST DUE**	Date: D D M M Y Y Hour Run Meter ☐ Hours / NA
Signed:		Contact Details:	
Name:		Telephone Number:	

Pressure Dewpoint Graph Airline Systems



To establish pressure dewpoint take the point where tube reading in mg/m³ intersects system pressure and read off pressure dewpoint from vertical scale.

NOTE: Pressure dewpoint is the temperature at which free water is likely to occur at system pressure. Therefore the minimum operating temperature should be 5°C above the pressure dewpoint obtained.