

Sample Certificate

Below is a sample report for a test performed on a compressed breathing air unit. The report shows the test results and the specification criteria laid out by the CSA standard. The flowrate should also be measured and reported as part of the test as the CSA standard also provides minimum flowrates for different types of facepieces / hoods.

The certificate should be posted by the unit so that workers and inspectors can see that the unit has been tested in the last 6 months and to remind when the next test is due.

Enigma Manufacturing

Is in compliance with the Air/Gas Quality Portion of the Specification of CSA STANDARD Z180.1-2013 as analyzed and reported on this certificate

Name of Company	Enigma Manufacturing		
Location of Unit	Along north wall by Paint Operation		
Address	123 Main Street, Winnipeg, MB		
Description of Unit	Low Pressure Compressor		
Sampling Point	Respirator Connection		
Project Number	2035		
Analyse	Units	Test Result	Specification Criteria
Oxygen	%	20.7	20-22
Nitrogen	%	78.4	78-80
Argon	%	0.9	N/AP
Carbon Monoxide	ppm	1.9	5
Carbon Dioxide	ppm	522	600
Water Content	ppm	3.6	N/AP
TVHC (includes methane)	ppm	5.5	N/AP
Methane	ppm	2.9	10
TVHC (excluding methane)	ppm	2.6	5
Oil & Particulates	mg/m3	<0.05	1
Odour	-- --	none/slight	none/slight
Halogenated hydrocarbons	ppm	<0.1	5
Pressure Dewpoint	deg C	-53	see note below
Flow Rate (tight fitting)	LPM	280	114

PASS

Note: Compressed breathing air at pressures less than 2216 PSI shall have a pressure dew point at least 5 deg C below the lowest temperature to which any part of the compressed breathing air pipeline or any part of the respirator shall be exposed

Date of Test

April 25, 2014

Date of Next Required Test

October 25, 2014