

Breathing Air Refilling Laboratory (HRL)

- process of refilling compressed breathing air into the cylinder

COMPLIANCES

Our Breathing Air Quality is in compliance with
EN 12021:2014 RESPIRATORY PROTECTIVE DEVICE
- Compress Air for Breathing Quality

SERVICE THAT WE OFFERS

1. 200 Bar Cylinder
2. 300 Bar Cylinder



Hydrostatic & Refilling Laboratory (HRL)

Gas Detector Calibration Laboratory (GCL)



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Hydrostatic Testing Laboratory (HRL)

- process to inspect the equipment through the use of hydrostatic tester
- it measure the rate of expansion of the tube under water pressure, which ultimately determine whether the unit can safety hold the amount of pressure it is rated for.

LEGAL REQUIREMENTS

49 CFR 180.209 - REQUIREMENT FOR REQUALIFICATION OF SPECIFICATION CYLINDERS
(a) Periodic qualification of cylinder

SERVICE THAT WE OFFERS

1. Composite Cylinder
Method : ISO11623:2015

2. Steel Cylinder
Method : BS EN 1968:2002



Gas Detector Calibration Laboratory (GCL)

- testing the gas detector sensors and adjusting to correct the inaccuracies of the instrument
- to prepare the measurement uncertainties of the detector

LEGAL REQUIREMENTS

8 REQUIREMENTS TO ENSURE SAFETY OF ATMOSPHERE
8.6.5(b) : it is essential to ensure that the instrument used is calibrated

PARAMETER THAT WE OFFERS

1. *CH₄ - Methane / Pentane Stimulant
2. *H₂S - Hydrogen Sulphide
3. *CO - Carbon Monoxide
4. *O₂ - Oxygen
5. *CO₂ - Carbon Dioxide
6. Cl₂ - Chlorine
7. NH₃ - Ammonia
8. C₄H₈ - Isobutylene (VOC)

* parameter accredited with
ISO/IEC 17025:2017

