



**ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

**Occupational Health and Safety:**

**Air Monitoring**

ACM01	Procedure for the measurement of Dewpoint in Compressed Breathing Air and Medical Gases by Silicon Sensor Capacitance (in-house)*
ACM02	Procedure for the measurement of Oxygen in Compressed Breathing Air and Medical Gases by High Temperature Ceramic Sensor and Paramagnetic Susceptibility (in-house)*
ACM03	Procedure for the measurement of Oil, Particulate, and Condensates in Compressed Breathing Air and Medical Gases by Microgravimetry (in-house)*
ACM04	Procedure for the measurement of Odour in Compressed Breathing Air and Medical Gases by Olfactometry (in-house)*
ACM05	Procedure for the determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrous Oxide, Nitrogen Dioxide, Non-methane hydrocarbons and volatile halogenated hydrocarbons in Compressed Breathing Air and Medical Gases by Fourier Transform Infrared Spectrometry (in-house)*
* Specifications for these tests are taken from: <b>Compressed breathing air and systems: CSA Z180.1, Occupational safety code for diving operations: CSA Z275.2 (current versions); Medical gas pipeline systems – Part 1: Pipelines for medical gases, medical vacuum, medical support gases &amp; anaesthetic gas scavenging systems: CSA Z7396.1 (current version)</b>	

Number of Scope Listings: 5

**Notes:**

**ISO/IEC 17025:2017:** General Requirements for the Competence of Testing and Calibration Laboratories

**CSA:** Canadian Standards Association

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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