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## When Should Compressed Breathing Air Systems be Sampled?

Province of Manitoba follows the CSA Standard for Compressed Breathing Air (CSA 190.13). This standard states that compressed breathing air systems should be tested when”

- 1) Section 8.1: When initially commissioned, breathing air delivered by an ambient air system shall meet the requirements of Clause 14 and Table 1.
- 2) Section 13.3: When a compressed breathing air pipeline has not been used for an extended period of time (more than six months).
- 3) **Section 14.2.2: Every six months or as specified by the authority having jurisdiction.**
- 4) Section 14.2.2: When purification cartridge changeout coincides with this six-month analysis requirement, a sample should be taken before the cartridge’s removal (to ascertain that the system was still meeting air quality requirements) and shall be taken after its removal (to ascertain that the system will meet air quality requirements when put into service).
- 5) Section 14.2.3: Samples shall be submitted for analysis following major overhauls, modifications, or extensive repairs of a compressed breathing air system. Note: Normal maintenance and replacement of purification media is not considered to be a major overhaul or extensive repair.
- 6) Section 14.2.3: If the system is suspected of being contaminated, samples should be submitted for analysis.