

# Leak Detection and Repair Baseline

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Currently there is not a broad understanding of the current practices in Canada of leak detection and repair (LDAR) programs across Canadian Association of Petroleum Producers member companies (and non-CAPP producers). This study will present a perspective on current LDAR practices in Canada. The current CAPP Best Management Practice for Leak Detection and repairs allow for significant flexibility in leak inspection frequencies and techniques and has been broadly adopted by both CAPP Member and Non-Member companies.

## **Policy Issues**

Flaring/Venting/Fugitives

## **Knowledge Gaps**

For industry to evaluate the impact of potential policy measures to control air pollutants and greenhouse gases, they need to assess emerging technologies that have not yet been proven for commercial use. To assess the suitability of the technology, industry requires knowledge of the overall

reduction potential and cost-effectiveness. To that end, there needs to be a broad understanding of the trade-offs and full environmental life-cycle of each technology (i.e., increased collateral emissions; specifically GHGs, carbon monoxide and unburned hydrocarbons, and additional fuel usage; when using natural gas fired reciprocating engines, etc.) so that a net environmental benefit is achieved through broad technological deployment.

Report

Appendix E – Data Capture Templates

Historical FEMP Assessment

16-ARPC-02 Report FUGITIVE EMISSIONS

Please note the excel file is available through PTAC.  
Please contact [lmayes@ptac.org](mailto:lmayes@ptac.org) to obtain a copy.