
Leak Detection and Repair Annual Reporting

Guideline PNG041

February 2021

Revision 1.0

Governing Legislation:

Act: *The Oil and Gas Conservation Act*

Regulation: *The Oil and Gas Emissions Management Regulations*

Record of Change

Revision	Date	Description
0.0		Initial draft
1.0	February 2021	Approved first version

Contents

1. Introduction	4
2. Background	4
3. LDAR Annual Reporting.....	4
4. Submission	4
5. ER Review.....	5
Appendix 1	6

1. Introduction

This Guideline sets out the requirements for Leak Detection and Repair (LDAR) annual reporting using the Integrated Resource Information System (IRIS) to help Business Associates comply with section 7.5 of *Directive PNG036: Venting and Flaring Requirements* (Directive PNG036). This Guideline details what information LDAR annual reporting needs to contain and expands on the process the Saskatchewan Ministry of Energy and Resources (ER) will follow when reviewing the reports.

This Guideline is intended to provide additional clarity regarding existing requirements found in Directives and Regulations. Questions on this Guideline can be directed to the ER Service Desk at 1-855-219-9373 or ER.servicedesk@gov.sk.ca.

2. Background

The purpose of section 7 (Gas Facility Leak Detection and Repair Requirements) of Directive PNG036 is to outline eligibility criteria, survey and repair requirements and record keeping requirements for LDAR surveys.

Annual reporting of LDAR results, as outlined in section 7.5 will give ER assurance that licensees have a program in place that:

- conducts all required LDAR surveys;
- follows correct survey procedures;
- leaks are repaired in the time-frame required; and
- alternative LDAR programs are achieving acceptable outcomes.

3. LDAR Annual Reporting

Annual reporting should contain the information specified in Appendix 1 of Directive PNG036. A link to an Annual Reporting Template is provided in Appendix 1 of this guideline to assist with submitting these data.

Reporting is split into two parts. Facility-level information is required for facilities at which leaks were not found. Specific equipment-level information is required when leaks are found.

Licensees that implemented alternative LDAR programs must provide a program review confirming the effectiveness of the program in achieving reductions equal to or greater than the prescribed LDAR program.

4. Submission

Annual LDAR Reporting must be submitted through IRIS by completing a Venting/Flaring Application. The following process should be used for submission:

- Complete an Annual Reporting spreadsheet for all required facilities;
- Attach an Alternative LDAR Program review document (if applicable);
- Documents should be saved as follows:
 - [COMPANY NAME] – [YEAR] Annual Reporting.xlsx

- [COMPANY NAME] – [YEAR] Alternative LDAR Program Review.pdf
- Complete a Venting/Flaring Application in IRIS;
 - Attach the above document(s).

5. ER Review

ER will review submissions to ensure that LDAR surveys are being conducted in a manner that meets the criteria of section 7 of Directive PNG036 and that surveys are being performed at all required facilities.

Annual reporting from alternative LDAR programs will be reviewed to verify that the program is achieving the expected emissions reduction outcome. Alternative LDAR programs from section 7.3 must achieve an equivalent emissions reduction outcome as the standard LDAR program from section 7.2.

ER may put facility level obligations in IRIS on facilities that did not have an LDAR survey conducted as required.

Appendix 1

Link to [Guideline PNG041 – Appendix 1: Annual Reporting Template.](#)