

LIFE SAVING RULES BACKGROUNDER

Standardization is part of Energy Safety Canada’s strategy to improve safety outcomes and reduce inefficiencies. The Safety Standards Council, a key component of Energy Safety Canada’s governance mandate, was established with executive representatives from companies of varying sizes across industry sectors.

The Safety Standards Council has agreed to collaborate to set standards and adopt them in their companies, creating a unified approach to lead the way for industry.

OPPORTUNITY

Many companies have health and safety rules designed to save lives. However, these rules are not consistent from company to company. An opportunity exists to standardize Life Saving Rules (LSRs), which will reduce rule confusion and deliver better safety outcomes.

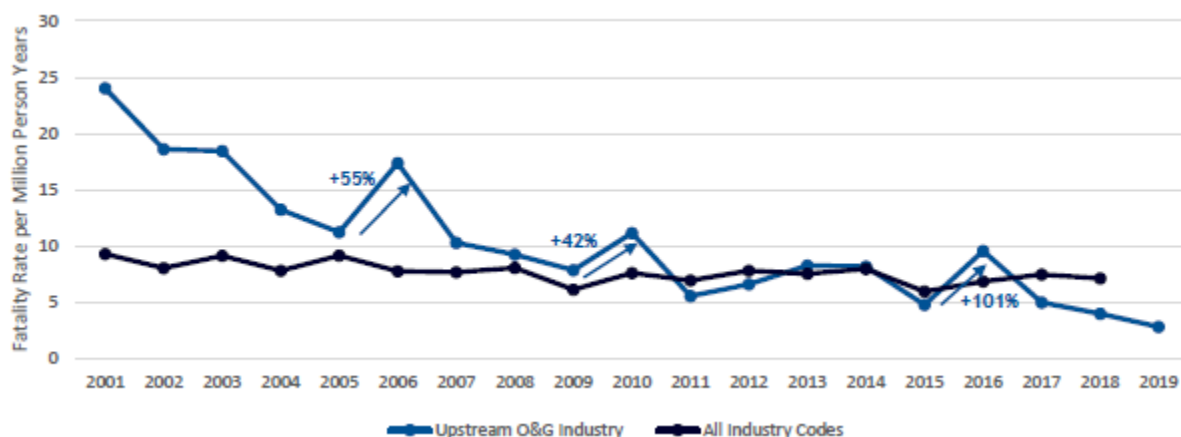
Having a single set of LSRs also enables the introduction of a Common Safety Orientation (CSO) for industry. The aim of a CSO is to reduce duplicate training, increase seamless movement of workers between sites and cut unnecessary cost.

PROCESS FOR SELECTING THE LSRs

Based on the Workers’ Compensation Board (WCB) codes for the oil and gas industry (including the oil sands 6600 code), more than 300 fatalities occurred between 2001 and 2019. For more information, a fatality data analysis preliminary report is attached.

This is an average of 20 fatalities per year at an average WCB cost of \$230,000 and an estimated company cost of \$1,000,000. Despite more recent industry efforts, improvements in the prevention of health and safety incidents have not translated to the elimination of serious injuries and fatalities (see Fig. 1).

FIG. 1: OCCUPATIONAL FATALITY RATE TREND



IRSSST (Institut de recherche Robert-Sauvé en santé et sécurité du travail): <http://www.irsst.qc.ca/media/documents/PubIRSSST/R-774.pdf?v=2018-01-24>

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A key step in selecting and defining the LSRs was to align them with the WCB’s fatality categories to ensure the rules address the classifications/causes of fatalities.

An overview of Energy Safety Canada’s 10 Life Saving Rules is attached. Had Energy Safety Canada’s Life Saving Rules* been implemented and followed in every case, more than an estimated 80% of those deaths could have been prevented (see Fig. 2).

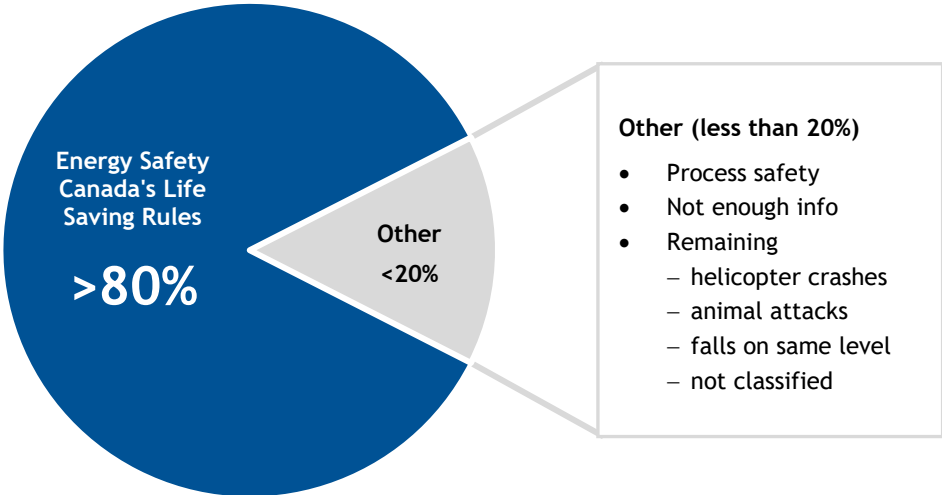
NEXT STEPS

Life Saving Rules were released in early October 2018 and Energy Safety Canada provides ongoing support to industry in the adoption of these rules. Resources and additional information are available at EnergySafetyCanada.com.

ATTACHMENTS

- Fatality Data Analysis Preliminary Report
- Life Saving Rules Overview

FIG. 2: ALIGNMENT OF ENERGY SAFETY CANADA’S LSRS WITH WCB FATATITY CATEGORIES



WCB Data for Fatalities in AB, BC, SK from 2001 to 2019 (Oil and Gas Funding Codes, Western Provinces, includes 6600 Code)

*Nine of Energy Safety Canada’s LSRs are adopted from the International Association of Oil and Gas Producers (IOGP) with the addition of Fit for Duty added to reflect the Canadian oil and gas industry.

