2018



An Industry Accepted Standard

A PROCEDURE FOR MANAGING THE PROGRAM



ABOUT ENERGY SAFETY CANADA

Energy Safety Canada is the national safety association for the oil and gas industry. We develop and support common industry safety standards, deliver effective learning systems, share data analysis and safety expertise with workers and employers, and advocate for worker health and safety. Our goal is the same as industry's — zero injuries, zero incidents.

AVAILABILITY

This document as well as future revisions and additions, is available from:

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1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this procedure is to outline a process for developing, managing and sustaining the Life Saving Rules personal safety program as part of a robust Health and Safety Management System.

1.2 SCOPE

This procedure includes:

- · Gaining leadership alignment
- Getting the sites ready
- Rollout of the program
- Post-program review and continual improvement activities

1.3 TARGET AUDIENCE

The target audience of this procedure is leaders and employees or contractors responsible for developing, implementing, managing, reviewing or sustaining some or all of the Life Saving Rules program.

1.4 EXPECTATIONS

This use of this procedure in whole or part is at the discretion of each company. The Leaders, Sponsors and Program Managers of companies that choose to use this procedure are expected to conform to this procedure from the effective date.

Conformance is demonstrated through an annual management review or audit process that tests actual performance against the standards contained within this document.



2.0 PROGRAM IMPLEMENTATION AND REVIEW

2.1 PROGRAM PREPARATION

2.1.1 GETTING LEADERSHIP ALIGNMENT

First you must create alignment with your respective leadership teams on the goals and objectives of the program. A variety of resources are available to assist you in starting the conversation with your organization. See www.EnergySafetyCanada.com.

The success of Life Saving Rules in any company is a function of a strong commitment to the program and thorough implementation of Life Saving Rules.

The Program is based on a set of Guiding Principles:

Standardization: companies agree to adopt and not alter the rule's logos or descriptions

Support: companies will support workers and supervisors in the adoption, use and on-going management of the rules

Accountability: companies acknowledge that any breach of the rule is unacceptable and will investigate infractions and take appropriate action when rules are violated

Continuous Improvement: companies will monitor, report and evaluate their programs for improvement in safety performance

Shared Learning: companies will report, share lessons learned and best practices through Energy Safety Canada

To achieve alignment:

- 1. Develop a draft level of effort proposal for change using the template located in Appendix A.
- 2. Review the draft level of effort proposal with leadership teams.
- 3. Agree on the level of effort with leadership teams.
- 4. Identify the following roles:
 - Sponsor for the program and/or
 - Program Manager(s)
- 5. Advise Energy Safety Canada of the names of the:
 - Sponsor and/or
 - Program Manager(s)

Once this step is completed:

Leaders are aligned on the goals and objectives of the program and are ready to prepare the site.



2.1.2 GETTING THE SITES READY

By identifying the site-specific elements that will benefit most from the program materials, the Sponsor and/or Program Managers can prepare the sites for the program.

- 1. Use the Implementation Readiness Checklist in Appendix B to verify the appropriate departments are engaged and have the right materials.
- 2. Verify that a document retention process is in place.
- 3. Verify that an accountability model is in place. Two example accountability models are provided in Appendix C.
- 4. Verify that you have the appropriate systems, processes, equipment and personnel competencies in place for each rule as detailed in the Getting the Sites Ready Checklist located in Appendix D.
- 5. Integrate the Life Saving Rules into your existing Health and Safety Management System so that the rules and your program compliment each other to obtain the best possible safety outcomes. This could include modifications or creating new observations programs or data fields within your incident data collection system.
- 6. Establish a committee to review potential Life Saving Rule violations, make recommendations for possible disciplinary action and make recommendations for program enhancement.
- 7. Order additional resources and tools needed for the work site/work area from Energy Safety Canada's Program store. https://escsafety.devcogroup.com/
- 8. Create a central repository for Life Saving Rule material, i.e. website

Once this step is completed:

The company will be ready for the rollout of the Life Saving Rules program.



2.2 PROGRAM EXECUTION

The following is one approach to engaging leaders and workers in a company.

1. Deliver the program materials based on the following rollout schedule below (use the checklist in Appendix E).

The timeline for each meeting can be tailored to fit your company and as such may vary from day to day or month to month to cover the materials.

TIMING	ACTIVITY PACKAGE
Meeting 1	Leadership Engagement, Case for Change, Rules Overview, Roles and Responsibilities, Accountability Model and FAQ
Meeting 2	Confined Space
Meeting 3	Working at Height
Meeting 4	Work Authorization
Meeting 5	Energy Isolation
Meeting 6	Line of Fire
Meeting 7	Bypassing Safety Controls
Meeting 8	Driving
Meeting 9	Hot Work
Meeting 10	Safe Mechanical Lifting
Meeting 11	Fit for Duty
Meeting 12	Program Learnings and Continuous Improvement

2. Maintain a Life Saving Rules webpage, which includes links to relevant program materials listed on the https://escsafety.devcogroup.com/ website.

Once this step is completed: The company is ready for ongoing review and improvement of the Life Saving Rules program.



2.3 PROGRAM REVIEW AND IMPROVEMENT

Following the completion of the activity packages, leaders will lead a review of the program to ensure continuous improvement.

- 1. Plan a lessons-learned process using the checklist in Appendix F and record your findings in the worksheet in Appendix G.
- 2. Engage all delegated representatives to provide input in the review process (Sponsor, Leaders and Program Managers)
- 3. Focus on the following areas:

FOCUS AREA: COMMUNICATIONS FOCUS AREA: PROGRAM EFFECTIVENESS FOCUS AREA: PROGRAM MANAGEMENT **Specific Topics for Inclusion Specific Topics for Inclusion Specific Topics for Inclusion** Safety stories Serious injury and fatality statistics Positive findings Statistics Near misses with the potential for **Negative findings** serious injury or fatality statistics Safety Tweets Areas for process improvement LSR violation statistics Counts of specific rule violations Reasons for violations

- 4. Assess any changes identified during the lessons learned process to determine the value of these changes to future campaigns using a cost/benefit evaluation.
- 5. Communicate these learnings to Energy Safety Canada:
 - The program goals
 - Program performance
 - Future program improvements

Once this step is completed: The results should be used to improve the program each year.



3.0 ROLES AND RESPONSIBILTIES

ROLE	RESPONSIBILITY
Energy Safety Canada	 Act as an industry champion for the "Life Saving Rules" program Provide strategic guidance and support to the leadership teams Collect, analyze and report to Leadership Teams on Life Saving Rule data Work with leaderships teams to incorporate any learning where appropriate
Sponsor	 Serve as the Sponsor for the Life Saving Rules program Oversee the preparation and delivery of the Life Saving Rules program through all steps and activity packages Provide strategic guidance/support to the leaders
Leaders	 Maintain the Life Saving Rules program Support the business during "Leadership Alignment" phase (Appendix A) Provide specialist advice to Sponsors and/or Program Managers as required/requested during "Getting the Sites Ready" (Appendix B, C and D) Oversee the delivery of the material during the program "Supporting Communications" (Appendix E) Initiate "Improving the Program" after implementation of the program (Appendix F) Provide a summary of the results of the program to leaders
Program Managers	 Act as the champion for the Life Saving Rules program in their respective business through all phases Support the operational delivery of the Life Saving Rules program as required Facilitate input into the annual lessons learned process Communicate the results of the Life Saving Rules program to their respective leadership teams



APPENDIX A: LEADERSHIP ALIGNMENT CHECKLIST

DESC	RIPTION					
Date	started - Year/Month/Date:		Date	e completed - Year/M	Nonth/Date:	
Main	purpose for this planning check-list:					
Facil	itated by (Team Member):		Posit	tion (Team Member):	<u> </u>	
Lead	er:		Asso	ciated functional are	eas:	
1.0 L	EADERSHIP ENGAGEMENT					
#	Item Description	Not planned an		Planned and/or on schedule	Complete	Timing and Comments
1.1	Leadership team and Sponsor meeting to draft upcoming year's level of effort proposal					
1.2	Area business unit leadership team meeting					Initial Area Integration team meeting may be required if applicable
2.0 L	EVEL OF EFFORT IDENTIFICATION					
#	Item Description	Not planned an		Planned and/or on schedule	Complete	Timing and Comments
2.1	Review draft level of effort and agree on upcoming year's program					
3.0 F	RESOURCE ALLOCATION					
#	Item Description	Not planned an		Planned and/or on schedule	Complete	Timing and Comments
3.1	Identify leaders; allocate resources and sponsor and communicate expectations					
4.0 (COMMUNICATION MATERIALS ORDERED					
#	Item Description	Not planned an		Planned and/or on schedule	Complete	Timing and Comments
4.1	Leaders to identify communication material needs and order as needed					



website

APPENDIX B: READINESS CHECKLIST

	YES	NO	N/A
Leadership Team Engaged			
Management of Change Plan Developed			
Communications Plan Developed			
Internal Communications Plan			
External Communications Plan			
Stakeholders Engaged			
Health and Safety Team			
Communications Team			
Human Resources Team			
Contracts Management Team			
Learning and Training Team			
Facility Security			
Legal Team			
Key Service Providers (Contractors)			
Change Leaders Identified per Area/Function Team			
Installation Team Identified			
Identified Materials to be Changed			
Integration with H&S Management System			
Training Materials			
• Standards/Procedures			
• ID Cards			
• Stickers			
• Signs			
• Banners			
HR Policy and Accountability Model			
Service Provider Contracts			
Other Materials			
Installation Team Identification			
Rollout Materials Identified			
Rollout Materials Developed			



APPENDIX C: EXAMPLE ACCOUNTABILITY MODELS



APPENDIX D: GETTING THE SITES READY CHECKLIST

DESCRIPTION							
Date started - Year/Month/Date:			Date	completed - Ye	ear/Month/Date	:	
Main purpose for this planning check-list:							
Facilitated by (Team Member):			Posit	ion (Team Mem	nber):		
Leader:			Asso	ciated function	al areas:		
DOCUMENT RETENTION POLICY AND PROC	GRAM						
Verify the following:	Assigned to: Name	Deficio (Yes/N		List of deficient items	Assigned to	Due date	Completed date
Verify that a Document Retention Policy and Program is present and being used							
ACCOUNTABILITY MODEL							
Verify the following:	Assigned to: Name	Deficion (Yes/N		List of deficient items	Assigned to	Due date	Completed date
Verity an accountability model is in place that deals with workers and management in a fair manner							



CONFINED SPACE LIFE SAVING RULE							
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date	
All confined spaces have been identified and are listed for each site or activity type							
All workers have been trained and have been deemed competent on confined spaces and if appropriate for confined space entry							
Adequate hazard assessment processes are in use							
Adequate work permitting system is in use							
Adequate lock-out/tag-out system is in use							
Adequate atmospheric testing and monitoring equipment is in use							
Emergency response plans are in place for each site or activity and that adequate breathing apparatus is present							



WORKING AT HEIGHT LIFE SAVING RULE							
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date	
There are no design deficiencies that would deem an area unprotected							
A fall protection plan is in place							
Workers are trained in fall protection and are competent							
Adequate number of approved anchor points are present in the work environment							
Adequate fall protection equipment exists, and an inspection program is in place							
Equipment lanyards and other means of securing equipment are present to prevent dropped objects							



WORK AUTHORIZATION LIFE SAVING RULE							
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date	
It is clear at each site or activity type when a permit is required							
Workers understand the permit requirements, and those who issue permits are competent to do so							
Adequate systems and equipment are in place for effective communication; this may include two-way radios, horns, beacons, etc.							

ENERGY ISOLATION LIFE SAVING RULE							
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date	
Adequate lock-out/tag-out system is in use							
Workers have been deemed competent in lock-out/tag-out and understand when and what life-protecting equipment is required							
Adequate life-protecting equipment such as respirators, gloves, suits, etc. is available							
Gas and other testing and monitoring equipment is available							



LINE OF FIRE LIFE SAVING RULE								
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date		
Verify that line of fire hazards, barriers and exclusion zones are identified in work permits, hazard assessment, work procedures and equipment design processes (e.g. Hazop)								
Verify that workers are competent in line of fire assessment and control								
Verify that vehicles are equipped with wheel chocks and a functioning park break								
Verify that line of fire and dropped objects can be reported within your incident management systems								

BYPASSING SAFETY CONTROLS LIFE SAVING RULE								
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date		
Safety critical equipment for each site or activity area is identified and is functioning properly								
Workers are informed of the safety critical equipment present in their work areas								
A procedure and authorization process for bypassing safety critical controls exists								



DRIVING LIFE SAVING RULE							
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date	
Vehicles are equipped with functioning seat belts							
A vehicle preventative maintenance program is in place							
A journey management program is available and in use							
Vehicles are equipped with cargo securement to prevent flying objects in the event of a collision							
A pre-trip inspection program is available and in use							

HOT WORK LIFE SAVING RULE								
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date		
Workers are competent in the identification and control of hot work								
Gas and other testing and monitoring equipment is available								
Designated smoking areas are identified								



SAFE MECHANICAL LIFTING LIFE SAVING RULE								
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date		
Workers operating mechanical lifting equipment are competent								
A lift plan is in place								
Barriers for creating exclusion zones such as barrier tape, bollards, etc. are available								
A lift inspection and certification program are in place								
Tag lines are available								

FIT FOR DUTY SAVING RULE						
Verify the following:	Assigned to: Name	Deficient (Yes/No)	List of deficient items	Assigned to	Due date	Completed date
An alcohol and drug policy and program are implemented						
A physical demands analysis has been conducted						
Supervisors are competent to recognize when a worker is not fit for duty						



APPENDIX E: SUPPORTING COMMUNICATIONS

DESCRIPTION				
Date started - Year/Month/Date:	Date completed - Year/Month/Date:			
Main purpose for this planning checklist:				
Facilitated by (Team Member):		Position (Team Mem	ber):	
Leader:		Associated function	al areas:	
CASE FOR CHANGE ACTIVITY PACKAGE (MEE	TING 1)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 1				
CASE FOR CHANGE ACTIVITY PACKAGE (MEE	TING 2)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 2				
CASE FOR CHANGE ACTIVITY PACKAGE (MEE	TING 3)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 3				
CASE FOR CHANGE ACTIVITY PACKAGE (MEE	TING 4)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 4				
CASE FOR CHANGE ACTIVITY PACKAGE (MEE	TING 5)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 5				



	EETING 6)			
tem Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 6				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 7)			
tem Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 7				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 8)			
tem Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 8				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 9)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 9				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 10)			
Item Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 10				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 11)			
tem Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity Package 11				
CASE FOR CHANGE ACTIVITY PACKAGE (M	EETING 12)			
tem Description	Not planned and/ or not on schedule	Planned and/or on schedule	Complete	Timing and Comments
Planned activities within the Activity				



Package 12

APPENDIX F: POST-PROGRAM REVIEW

WHAT DOES SUCCESS LOOK LIKE?

If you have any suggestions about how to improve the Life Saving Rules program, please send an e-mail to Safety@EnergySafetyCanada.com

ROLE	RESPONSIBILITY
Sponsor	 Initiate and manage a lessons-learned exercise across all participating groups Analyze the results of the lessons-learned exercise and provide to Energy Safety Canada Analyze the overall trend in life saving rule violations and related recordable incidents for the period of the program (Q1-Q4) and communicate trends to Energy Safety Canada.
	 Identify any required changes based on statistics and lessons-learned feedback Prepare and deliver organizational communications describing the impact of the program to Energy Safety Canada
Leaders	 Work with the Sponsor and/or Program Manager to identify lessons-learned from the program Act as a local subject matter expert to support the Sponsor and/or Program Manager as required
	 Provide ongoing statistical analysis of workplace injuries as part of program evaluation process Provide Sponsor and/or Program Manager with lessons-learned and other observations on the program as requested
	 Provide ongoing stewardship of resource use, program success and challenges, associated work orders and/or corrective actions
Program Managers	 Work with the Sponsor and team lead to identify lessons-learned from the program Work with the Sponsor to identify and implement any corrective actions Work with the Sponsor to escalate any other issues or highlight opportunities as required Work with the team lead to act as area subject matter experts



APPENDIX G: POST-PROGRAM REVIEW WORKSHEET

Lessons learned log

DESCRIPTION	ORIGIN	DATE LOGGED	LOGGED BY	PRIORITY High/Medium/Low	RECOMMENDED ACTION	ASSIGNED TO	TARGET DATE	STATUS Open/Closed



LIFE SAVING RULES 20

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