

# Webinar | Supervisor Competency Rollout

**Presenters: Murray Elliott, Michael Mass** 

**Host: Andrew Davis** 

Start Time: 12:00 pm

## **Agenda**

- Supervisor Competency Resources
  - Why Supervisor Competency?
  - Previous Work
  - Key Features
- Next Steps

#### **New Resources**

- Critical Competencies for Supervisors
  - Reference to competency topics for supervisors including examples of key skills, knowledge, abilities and behaviours.

- How to Guidance
  - Leverage existing industry resources to share updated perspectives of competency
  - Highlight challenges faced by new and mature programs

#### **New Resources**

#### Supervisor Critical Competencies

ENERGY SAFETY CANADA

A COMPETENT SUPERVISOR IS ONE WHO: PLANS AND PRIORITIZES

OUTCOME: The resources required to achieve the desired standard(s) can be used under the conditions at the required time

#### Develops work plans and applies lessons learned

- · Plans ahead (monthly, quarterly, yearly) to anticipate timelines and barriers
- Manages and acquires resources (equipment, workers, contractors, products, information)
- Incorporates emergency planning into work plans
   Manages change and adjusts plans
- Collaborates with others completing critical tasks.

#### Applies a logical and systematic approach

- Applies goal setting models to work
- . Assigns milestones and levels of action
- · Reframes work to follow the required processes to complete the task

#### Manages information and data

- . Identifies key performance indicators or measures of success
- Documents, reports and communicates to others on key performance indicators
- Interprets data to make informed decisions or knows when to ask for additional data

#### Prioritizes and re-evaluates tasks

- . Organizes tasks and manages time based on importance
- Recognizes differences between "urgency" and "important"
   Concludes when a plan can't be achieved and applies mitigations.
- Is knowledgeable of and applies basic "Management of Change" processes
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Nobes:

A COMPETENT SUPERVISOR IS ONE WHO: ENGAGES THE WORKFORCE

#### OUTCOME: Communication and collaboration that supports completing work to the desired standard(s)

#### Develops a team environment and supports those performing the work under their direction

- Building trust and rapport among workers
- Resolves and moves through conflict in a constructive manner
- . Sets the expectations and conditions for when supervision is required
- Is able to identify unique qualities/skills required by team members
   Orientates others to worksite expectations
- . Demonstrates comprehension of work standards by highlighting critical components to
- effectively mentor employees before, during, and after the task
- Documents and communicates worker concerns to management
   Can identify limitations in team members and implements actions to support those limitations

#### Communicates effectively

- . Communicates information and ideas in ways that gain support of others
- · Communicates with immediacy, urgency and promptness
- Engages in active listening and asks questions to further their understanding
   Communicates succinctly

#### Leads by example

- . Holds themselves accountable to achieving the desired outcome
- · Devises continual improvement plans to augment their capabilities
- Demonstrates willingness to challenge the status quo when necessary to effect positive change

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Notes

#### **Supervisor Critical Competencies**



A COMPETENT SUPERVISOR IS ONE WHO: IDENTIFIES AND MITIGATES HAZARDS

OUTCOME: The risk is reduced to a level acceptable to the organization

#### Anticipates Hazar

- Evaluates hazards and effectiveness of controls relating to chemical, physical, biological and psychological risks
- · Prioritizes hazard controls in relation to risk
- . Integrates knowledge of workplace operations and limitations into work plans
- · Analyzes work task to identify and mitigate resulting hazards
- Communicates hazards to others and expectations to apply controls

#### Conducts workplace assessmen

- · Conducts and assists others with workplace observations and risk assessments
- Provides coaching opportunities when there are deviations from the work standard(s)
   Regularly assesses competency and fit for duty of those performing the work
- · Appraises evidence of workers qualifications and experience suitability prior to executing work

#### Mitigates hazard

- Explains concepts and requirements of the hazard mitigation plans
- Trains others to use onsite control methods
- Conducts periodic reviews of hazard mitigation preventions
- Creates and implements contingency plans

#### A COMPETENT SUPERVISOR IS ONE WHO: EXECUTES WORK

OUTCOME: Tasks are completed to the desired standard(s) under a variety of conditions

#### Adheres and upholds laws, policies, process and procedures

- Evaluates processes and procedures against desired work standard(s)
- Uses operational systems, tools and resources as intended by their design
- . Educates workers on their basic rights and upholds, respects, and adheres to them in practice

#### Reinforces roles and responsibility

- Communicates and confirms understanding of responsibilities to those being directed
- Sets reporting expectations to those being directed
- . Provides information about the desired work standard(s) to those being directed

#### Manages performance against the standard(s)

- \* Communicates site requirements to those performing the work
- . Work tasks are assessed for compliance with regulations and standards
- Checks work progress and corrects as needed
- Assesses workers readiness to complete work to the desired standard(s)
- Prioritizes operations to support emergency management in minimizing additional deviations

Notice:

#### Supervisor Competency Guide

HOW TO BUILD AND USE A SUPERVISOR COMPETENCY PROGRAM

SETTING THE STANDARD IN OIL AND GAS SAFETY

EDITION: #

Refease Date: December 2020

Revised; December 2000



## **Why Supervisor Competency?**

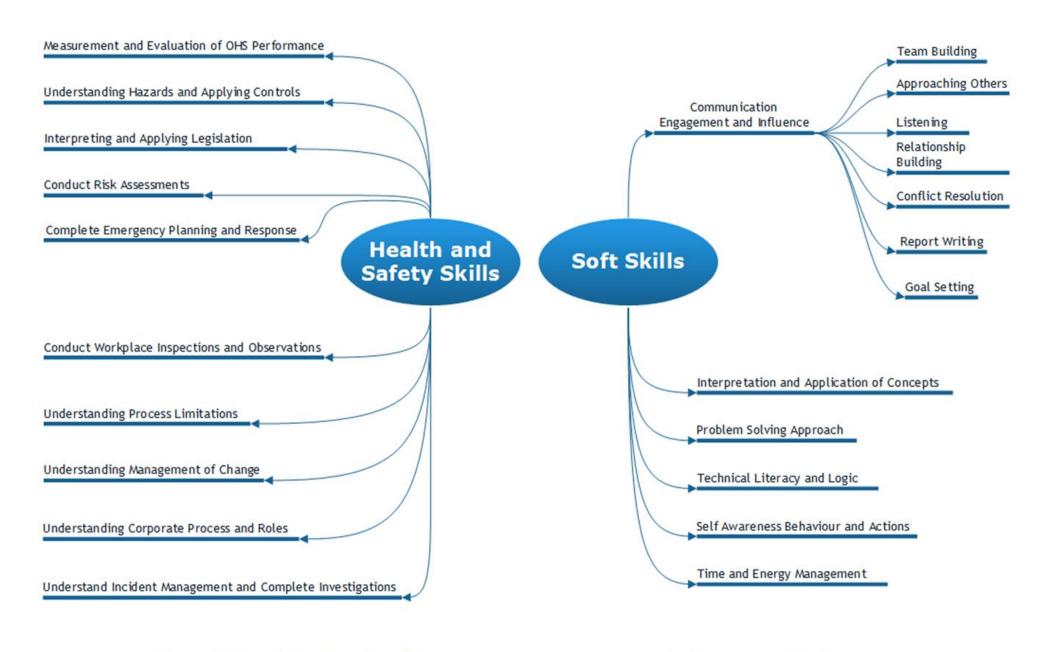
 Supervisor competency was identified as an area of concern for the oil and gas industry

 Energy Safety Canada completed an industry scan of producers, service companies and like-minded organizations

## **Industry Findings**

- Each organization was going through change
  - Consolidating systems
  - Identifying key competencies
  - Phased approach for training supervisors

- Focus was on systems and leadership training
  - Soft skills and company values
  - Specialized component to meet business needs



Foundational Understanding

**Performance Enhancers** 

## Supervisors have a critical role

Regulatory responsibilities

Address activities not aligned with expectations

Competent supervision reduces the risk of incidents and injury

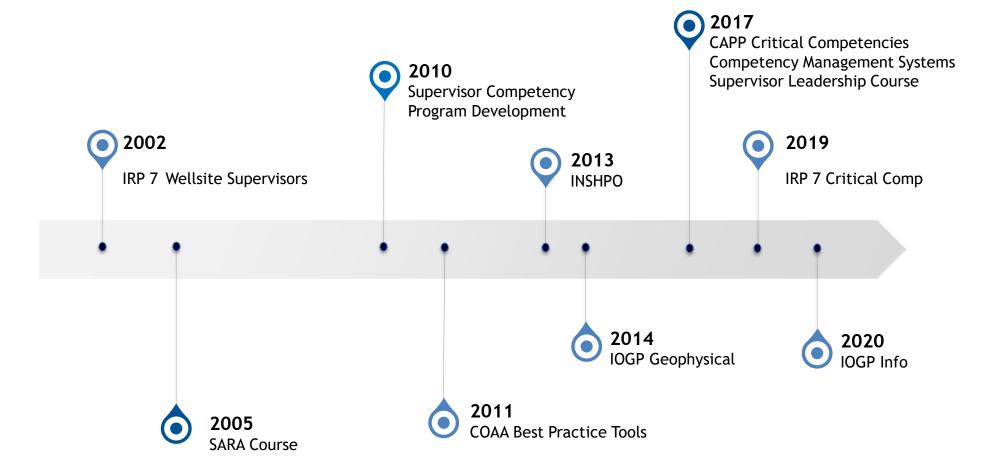
## Life Saving Rules Connection

Fit for Duty Rule

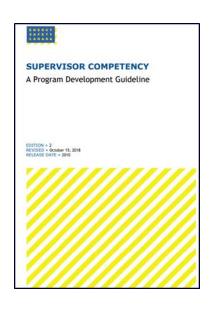
 Recognize when worker is not fit or capable to do the job safely

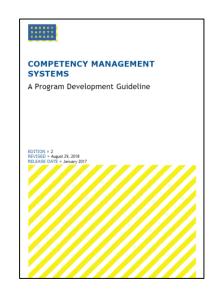


#### **Previous Work**

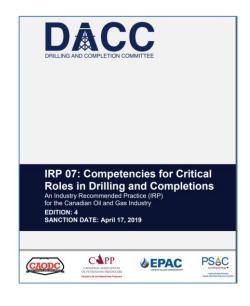


## **Industry Resources**









ESC: Supervisor
Competency:
A Program
Development
Guideline

ESC: Competency

Management

Systems:

A Program

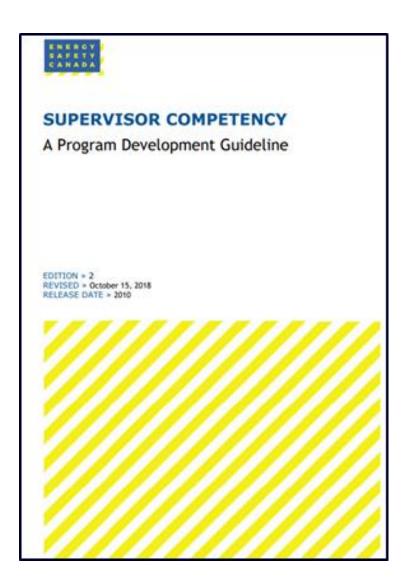
Development

Guideline

CAPP: Critical Roles and Competency

DACC IRP 7:
Competencies for
Critical Roles in
Drilling and
Completions

 Effective leadership and communication are imbedded into each element



# eadership & Communications

#### **Planning**

- Operations
- Safety Management
- Environmental Management
- Emergency Response Management

#### **Performance**

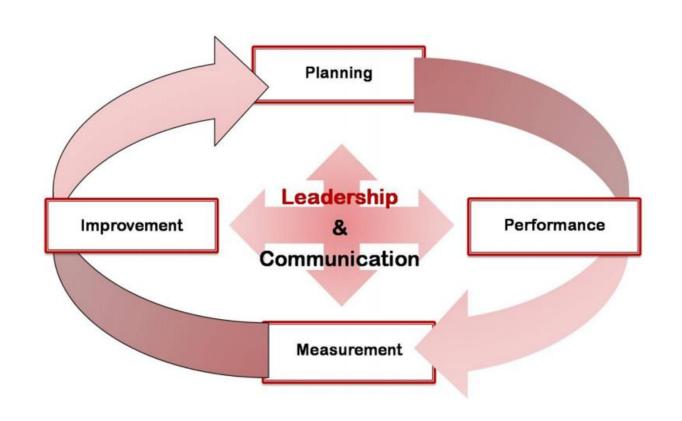
- Operations
- Incident Management and Investigation
- Documentation and Record Keeping

#### Measurement

Assessment

#### **Improvement**

Continuous Improvement Cycle



#### Tools and templates

Appendix A: Acronyms and Glossary

Appendix B: Characteristics and Attributes of a competent supervisor

Appendix C: Supervisor Attributes Assessment Outline

Appendix D: Assessment Questions

Appendix E: Example Development Scorecard

Appendix F: References

Examples of leadership activities

- 1. Establish goals and objectives for the worksite
- 2. Provide oversight and guidance at the worksite
- 3. Lead by example
- 4. Demonstrate integrity
- 5. Promote a positive health, safety and environmental culture
- 6. Provide motivation and recognition
- 7. Encourage teamwork (promote operational synergies)
- 8. Facilitate worker participation
- 9. Manage accountability
- 10. Manage time and priorities
- 11. Manage change
- 12. Solve problems
- 13. Manage conflict resolution
- 14. Make decisions within level of authority
- 15. Provide coaching of other supervisors and workers
- 16. Delegate authority and responsibility
- 17. Ensure compliance to company, industry and regulatory standards
- 18. Manage risk and conduct risk assessments
- 19. Identify opportunities for improvement

# Critical Roles and Competency (2017)

Strategic guidance and consistent approach

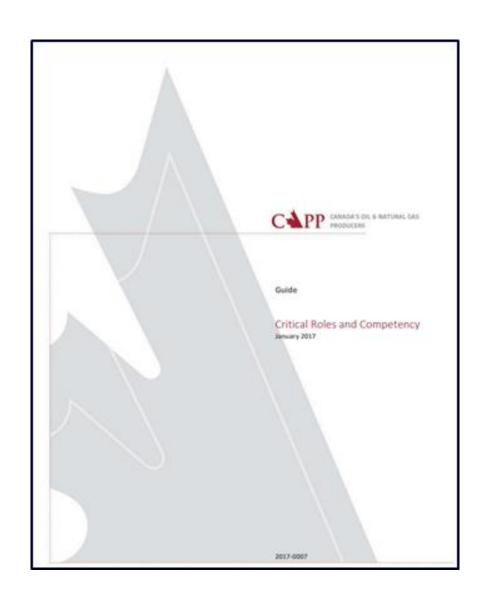
 Oil and gas operations are planned and executed by competent personnel



## **Industry misconceptions**

 There is no one-to-one relationship between training and competency

 There is no definitive end to the process of competencies



## Learning model

70:20:10 model

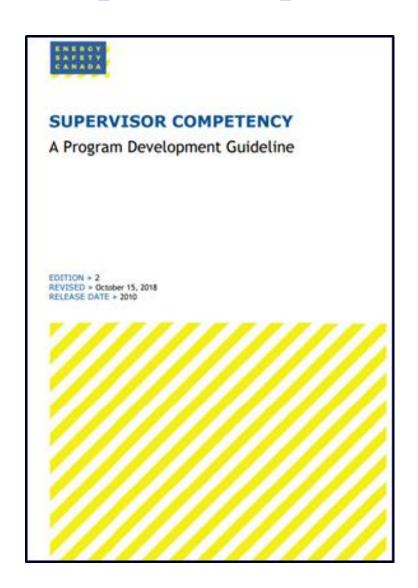
 Reassess and repeat, developmental planning if required



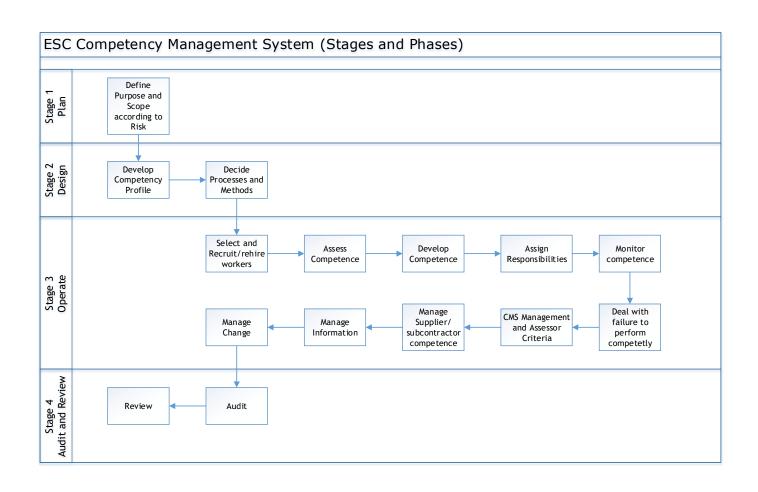
## Management Systems (2017)

 Outlines principles of competency management for employers

 Steps for designing and implementing a CMS



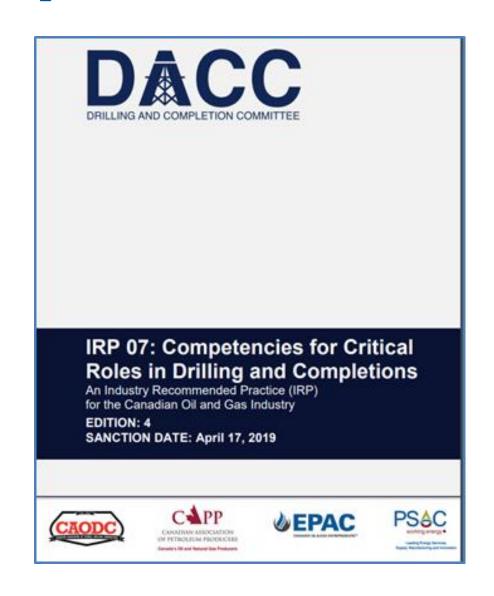
## Management Systems (2017)



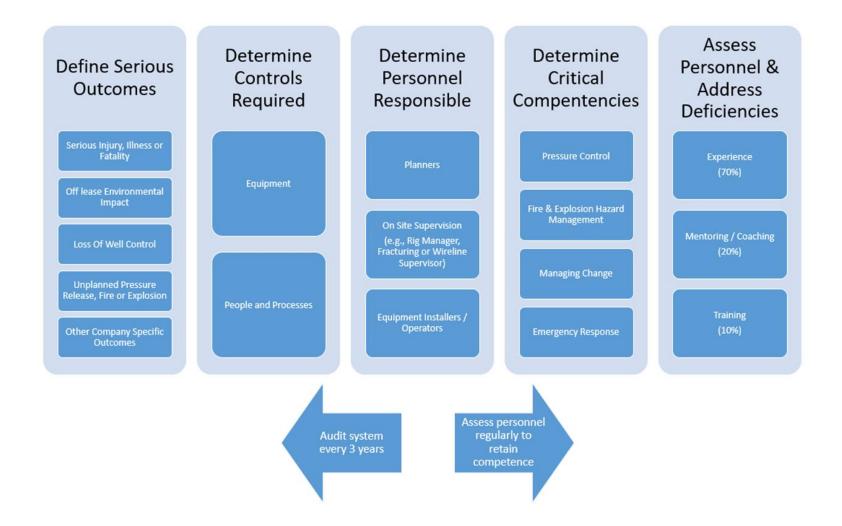
## DACC's IRP 7 (2019)

 Previous version focused on training and certificate requirements

 Is now a process for employers



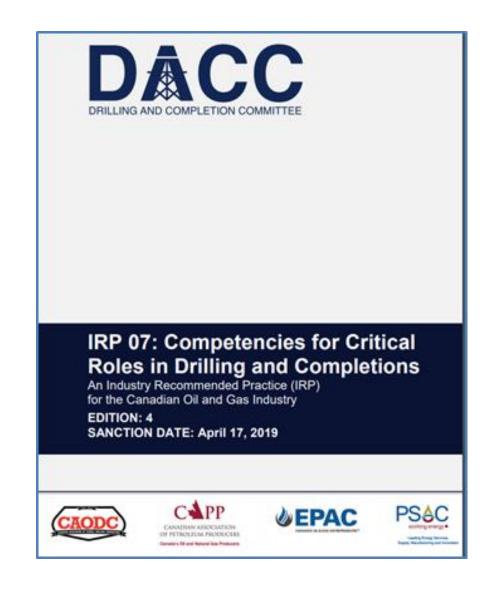
## DACC's IRP 7 (2019)



## DACC's IRP 7 (2019)

 Empowers employers to manage competency on their terms

- Prioritize development plans
- Apply resources where they have the most impact



#### **New Resources**

#### ENERGY **Supervisor Critical Competencies** CANADA ALC: N. M. A COMPETENT SUPERVISOR IS ONE WHO. A COMPETENT SUPERVISOR IS ONE WHO: PLANS AND PRIORITIZES ENGAGES THE WORKFORCE OUTCOME: Communication and collaboration that supports completing work to the OUTCOME: The resources required to achieve the desired standard(s) can be used under the conditions at the required time Develops work plans and applies lessons learned Develops a team environment and supports those performing the work under their direction · Plans ahead (monthly, quarterly, yearly) to anticipate timelines and barriers . Building trust and rapport among workers · Manages and acquires resources (equipment, workers, contractors, products, information) . Resolves and moves through conflict in a constructive manner . Sets the expectations and conditions for when supervision is required . Incorporates emergency planning into work plans . Is able to identify unique qualities/skills required by team members · Manages change and adjusts plans Collaborates with others completing critical tasks · Orientates others to worksite expectations . Demonstrates comprehension of work standards by highlighting critical components to Applies a logical and systematic approach effectively mentor employees before, during, and after the task - Applies goal setting models to work . Documents and communicates worker concerns to managemen · Assigns milestones and levels of action . Can identify limitations in team members and implements actions to support those limitations Reframes work to follow the required processes to complete the task Communicates effectively Manages information and data . Communicates information and ideas in ways that gain support of others . Identifies key performance indicators or measures of success · Communicates with immediacy, urgency and promptness . Documents, reports and communicates to others on key performance indicators Engages in active listening and asks questions to further their understanding. . Interprets data to make informed decisions or knows when to ask for additional data · Communicates succinctly Prioritizes and re-evaluates tasks . Organizes tasks and manages time based on importance . Holds themselves accountable to achieving the desired outcome Recognizes differences between "urgency" and "important" Devises continual improvement plans to augment their capabilities . Concludes when a plan can't be achieved and applies mitigations . Demonstrates willingness to challenge the status quo when necessary to effect positive change . Is knowledgeable of and applies basic "Management of Change" processes

#### **Supervisor Critical Competencies**



A COMPETENT SUPERVISOR IS ONE WHO: **IDENTIFIES AND MITIGATES HAZARDS** 

**EXECUTES WORK** 

OUTCOME: The risk is reduced to a level acceptable to the organization

- Evaluates hazards and effectiveness of controls relating to chemical, physical, biological and psychological risks
- · Prioritizes hazard controls in relation to risk
- . Integrates knowledge of workplace operations and limitations into work plans
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- · Conducts and assists others with workplace observations and risk assessments
- · Provides coaching opportunities when there are deviations from the work standard(s) · Regularly assesses competency and fit for duty of those performing the work
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- . Explains concepts and requirements of the hazard mitigation plans
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A COMPETENT SUPERVISOR IS ONE WHO:

OUTCOME: Tasks are completed to the desired standard(s) under a variety of conditions

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#### Manages performance against the standard(s)

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## **Supervisor Competency** Guide HOW TO BUILD AND USE A SUPERVISOR COMPETENCY PROGRAM Referen Date: December 2020 Revised; December 2000 SETTING THE STANDARD IN OIL AND GAS SAFETY

## **Task Group Objectives**

- Align on competencies (health and safety and soft skills) deemed critical for supervisors
- Leverage existing resources to develop how to guidance

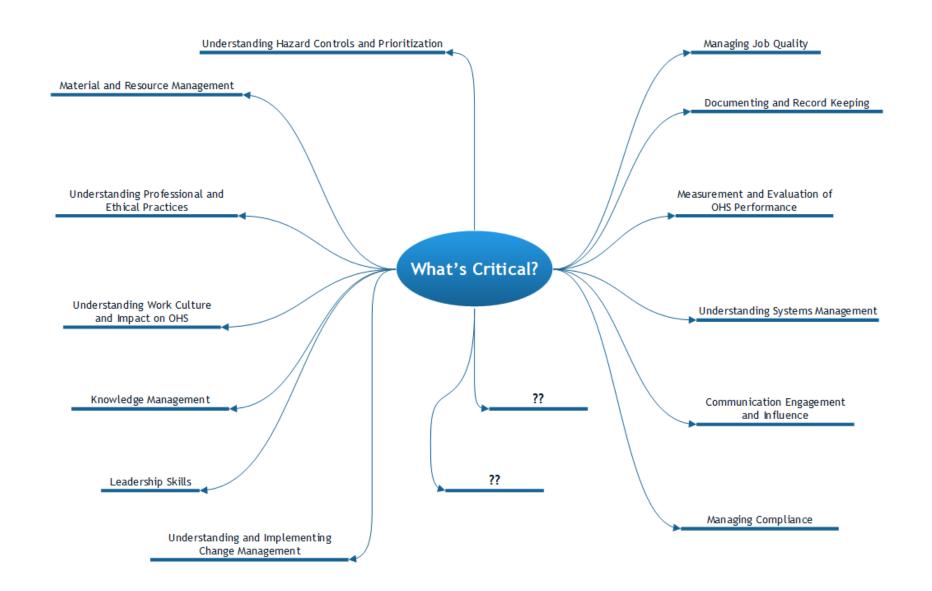
## Setting the boundaries

Define supervisor - Those who direct the performance of work

Focused on transferable skills

Avoided technical skills such as specialized safety knowledge

#### What's critical

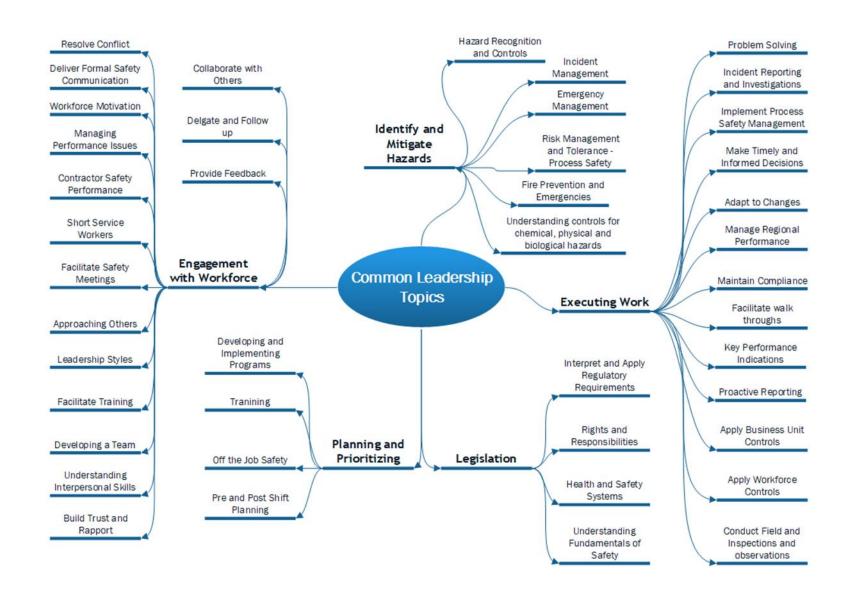


## **Critical Competencies Focus**

 Intended to assess readiness or guide existing supervisors



## **Critical Competencies**



- Plans and Prioritizes
- Engages the Workforce
- Identifies and Mitigates Hazards
- Executes work

## **Critical Competencies Design**

Competency Category Outcome



• Examples of knowledge, skills, abilities, behaviours

## **Critical Competencies Examples:**

 Plans and Prioritizes: The resources required to achieve the desired standard(s) can be used under the conditions at the required time.

#### Develops work plans and applies lessons learned

- Plans ahead (monthly, quarterly, yearly) to anticipate timelines and barriers
- Collaborates with others completing critical tasks

 Engages the Workforce: Communication and collaboration that supports completing work to the desired standard(s)

## Develops a team environment and supports those performing work under their direction

 Demonstrates comprehension of work standards by highlighting critical components to effectively mentor employees before, during and after the task

 Identifies and Mitigates Hazards: The risk is reduced to a level acceptable to the organization

#### Conducts workplace assessments

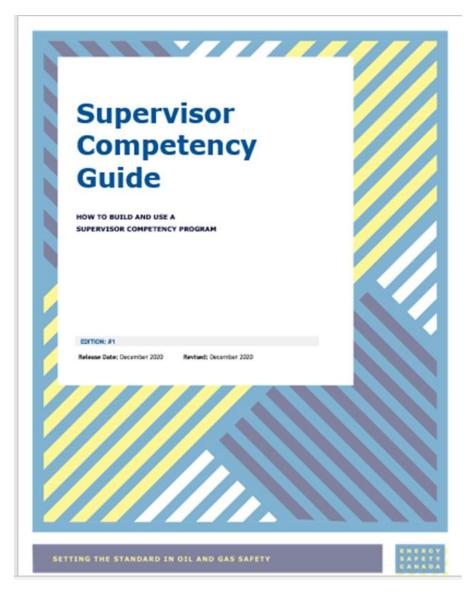
- Provides coaching opportunities when there are deviations from the work standard(s)
- Appraises evidence of workers qualifications and experience suitability prior to executing work

 Executes work: Tasks are completed to the desired standard(s) under a variety of conditions

#### Reinforces roles and responsibility

- Sets reporting expectations to those being directed
- Provides information about the desired work standard(s) to those being directed

#### **How-To Guidance Document**



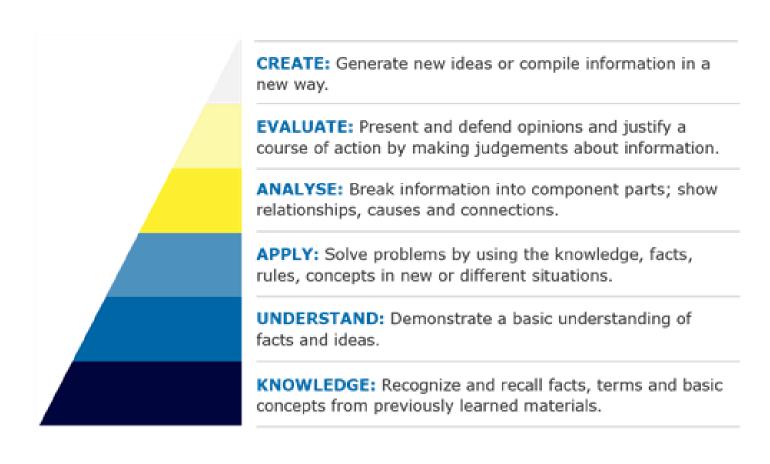
 Leverages industry resources

 Concepts can be applied to any target audience

• .....the application and integration of qualification, knowledge, skills, abilities and behaviours to achieve an outcome under conditions to a specific standard of performance"

 .....ability to perform based on a combination of knowledge, practical and thinking skills and experience





#### Aware

 has a basic understanding of concepts and requires guidance when applying the competency.

#### Skilled

 detailed knowledge/understanding and can assist others in the application of this competency.

#### Mastery

 has specialist knowledge and can explain concerns in relation to broader issues.

## **Establishing Proficiency Levels**

 Proficiency must be considered in the context of how they apply in the job/role

 A supervisor may need to understand how to support the incident investigation process but does not need to be an expert in the subject

## **Setting a Vision**

- Vision
  - aligns the team's understanding
- Strategy
  - provides the approach
- Objectives
  - define the steps
- Tactics
  - list the tools or resources that should be used

#### **Program Frameworks**

Example Framework: Basic Setup

#### SUPERVISOR COMPETENCY FRAMEWORK

Plans and Prioritizes: The resources required to achieve the desired standard(s) can be used under the conditions at the required time.

#### Competencies:

- Develops work plans and applies lessons learned
- Prioritizes and re-evaluates work tasks
- etc.

Hazard Identification and Mitigation: The risk is reduced to a level acceptable to the organization.

#### Competencies:

- Conducts workplace and worker assessments
- Anticipates hazards
- etc.

## **Program Frameworks**

Example Framework: Advanced Setup

SUPERVISOR COMPETENCY FR	AMEWORK					
PLANS AND PRIORITIZES	The resources required to achieve the desired standard(s) can be used under the conditions at the required time.					
	Aware Skilled (knowledge-understanding) (application-analysing)		Mastery (evaluating-creating)			
	Plans (monthly, quarterly, yearly) to anticipate timelines and barriers	Manages and acquires resources	Collaborates with others completing critical tasks			
	Documents, reports and communicates to others on key performance indicators	Organizes tasks and manages time based on importance	Concludes when a plan can't be achieved and applies mitigations			
	etc.	etc.	etc.			

#### **Processes**

- Identifying Critical (IRP 7) Process
  - aligns the team's understanding of critical and identifies gaps
- Structured Collaboration
  - Example "Developing a Curriculum" (DACUM)
    - Identifies what does ideal performance look like
    - Profile chart that details duties and responsibilities
    - Helps employers assess candidate readiness

#### **Drafting Competencies**

Table 1: Blooms Taxonomy Descriptions (adapted from My Growth Mindset)

LOWER LEVE	L THINKING SKI	LLS		HIGHER LEVEL	L THINKING SKIL	LS					
Knowledge Comprehension		Application		Analysis		Evaluate		Create			
Recognize and recall facts, terms and basic concepts from previously learned materials.		Demonstrate a basic understanding of facts and ideas.		Solve problems by using the knowledge, facts, rules, concepts in new or different situations.		Break information into component parts; show relationships, causes and connections.		Generate new ideas or compile information in a new way.		Generate new ideas or compile information in a new way.	
Keywords:		Keywords:		Keywords:		Keywords:		Keywords:		Keywords:	
Choose	Recognize	Ask	Illustrate	Act	Organize	Analyze	Examine	Agree	Estimate	Adapt	Elaborate
Define	Relate	Cite	Indicative	Administer	Practice	Appraise	Inference	Argue	Evaluate	Build	Formulat
Identify	Reproduce	Classify	Interpret	Apply	Relate	Arrange	Order	Assess	Influence	Change	Innovate
Listen	Retell	Compare	Outline	Categorize	Represent	Assumption	Organize	Conclude	Judge	Choose	Invent
Locate	Select	Contrast	Predict	Connect	Solve	Breakdown	Prioritize	Convince	Measure	Compile	Maximize
Observe	Show	Demonstrate	Report	Construct	Teach	Categorize	Question	Criteria	Perceive	Create	Minimize
Quote	State	Discuss	Summarize	Develop	Transfer	Choose	Research	Debate	Rate	Design	Model
Read	Tell	Estimate	Translate	Illustrate	Translate	Discover	Select	Deduct	Validate	Devise	Predict
Recall	Write	Explain	Outcome	Model	Outcome	Distinction	Outcome	Defend	Outcome	Discuss	Transfor
Actions	Outcome	Actions	Examples	Actions	Demonstrate	Actions	Abstract	Actions	Report	Actions	Outcome
Describing	Definition	Classifying	Explanation	Carrying out	Interview	Attributing	Checklist	Attributing	Database	Constructing	Plan
Finding	Fact	Comparing	Outline	Executing	Presentation	Outlining	Report	Checking		Designing	Project
Identifying	Test	Explaining	Summary	Implementing	Simulation	Structuring	Survey	Integrating		Inventing	Story
Locating		Inferring				Establish				Producing	
Questions		Questions		Questions		Questions		Questions		Questions	
Can you list?		How would you classify		How would you use?		Why do you think		What is your opinion of?		What changes would you make to solve?	
Can you recall		How would you summarize		What approach would you use?		What inference can you make		What would you recommend?		Can you propose an alternative?	

# **Development Plans**

- Considerations for development opportunities
- Using KPI's to identify ideal behaviour



## Verification "show your work"

- Methods
- Completing verifications
- Considerations for data collection
  - Qualitative
  - Quantitative

### **Continuous Improvement**

- When assessing the risk associated with change, consider:
  - Involving the right people
  - Review the risk of misalignment with corporate strategy
  - Understand the assumptions and limitations of the change
  - Weigh the impact of disruptive changes

Helpful to anticipate future skills required for the organization

### **Next Steps**

- Continue to add templates
  - Vision Statement
  - Development Planning
  - Competency Verification Template
  - KPI development

Welcome more examples from industry

Safety@EnergySafetyCanada.com

#### **New Resource Webpage**

#### **PROGRAM RESOURCES**

The <u>Critical Competencies</u> are intended for any person directing the performance of work. These competencies can be used to assess a supervisor candidate or guide existing ones. Examples of skills, abilities and behaviours are provided to support the outcomes for each competency group.

The <u>How-to Guidance</u> provides considerations for small- to mid-size companies to overcome common challenges. The document will benefit anyone involved with developing, implementing or improving competency programs at their organization.

#### PROGRAM TEMPLATES

- Competency Verification Template
- Development Plan Template
- Vision Statement Template

#### ADDITIONAL RESOURCES

- Energy Safety Canada Competency Management Systems, A Program Development Guide
- Energy Safety Canada Supervisor Competency, A Program Development Guideline
- CAPP Critical Roles and Competency Guide