







OHS Culture - an important prevention approach A governmental jurisdictional perspective









### **Outline for Today**

### A jurisdictional journey towards health and safety culture

Who we are - WorkSafeBC overview

Who I am - Our Safety Culture and Leadership team

Where we are today

Health and Safety Culture – A Strategic Priority for us

How did we get here

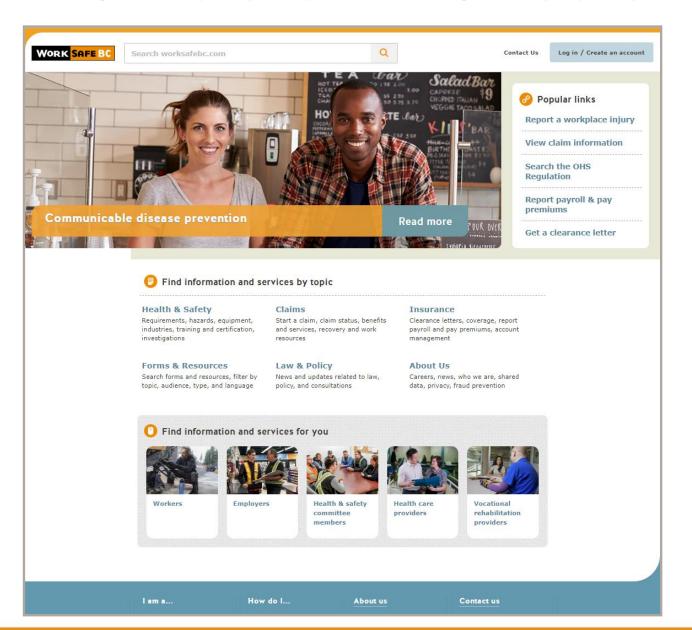
The stages of our journey

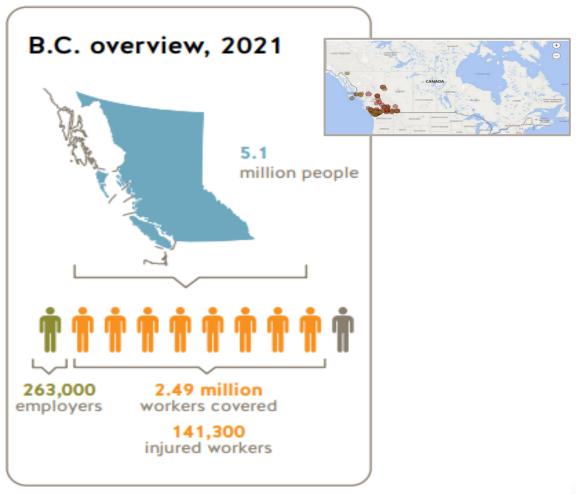
What's next

Opportunities for new conversations

Further regulatory change

### WorkSafeBC - Who we are

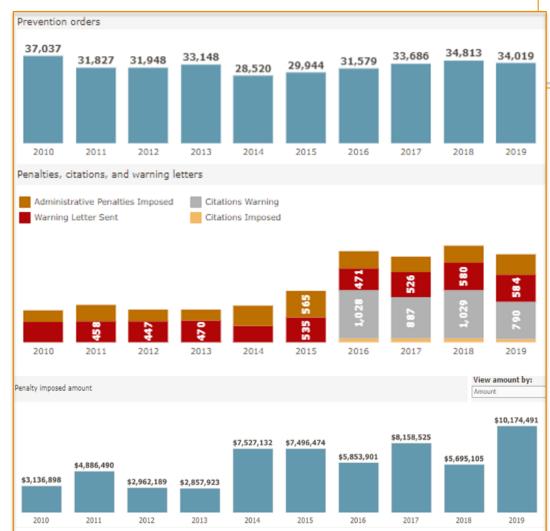




### **Prevention Services – Who we are**

### **Prevention Services**

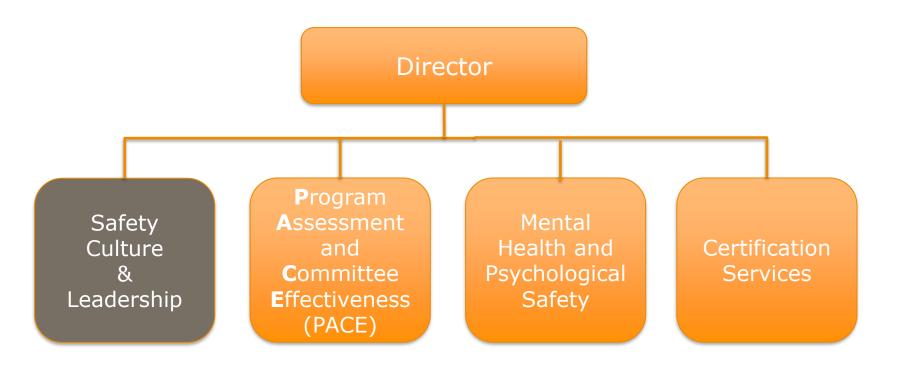
- Occupational health and safety regulator and inspectorate
- 500,000+ workplaces
- 14 offices / 250 inspectors
  - ~ 300 additional prevention staff
- ~ 44,000 inspections
- ~ 34,000 safety orders
- ~ 400 penalties (\$\$)





Regulation + Add to My Hand  1. Definitions	Ac
2. Application	Ad
3. Rights and Responsibilities	Ad
4. General Conditions	Ad
5. Chemical Agents and Biological Agents	Ad
6. Substance Specific Requirements	Ac
	Ac
7. Noise, Vibration, Radiation and Temperature	Ad
8. Personal Protective Clothing and Equipment	
9. Confined Spaces	Ad
▶ 10. De-energization and Lockout	Ad
▶ 11. Fall Protection	Ad
▶ 12. Tools, Machinery and Equipment	Ad
▶ 13. Ladders, Scaffolds and Temporary Work Platforms	Ad
14. Cranes and Hoists	Ad
▶ 15. Rigging	Ad
▶ 16. Mobile Equipment	Ad
▶ 17. Transportation of Workers	Ad
▶ 18. Traffic Control	Ad
▶ 19. Electrical Safety	Ad
20. Construction, Excavation and Demolition	Ad
21. Blasting Operations	Ad
22. Underground Workings	Ad
23. Oil and Gas	Ad
> 24. Diving, Fishing and Other Marine Operations	Ad
> 25. Camps	Ad
▶ 26. Forestry Operations and Similar Activities	Ad
27. Wood Products Manufacturing	Ad
28. Agriculture	Ad
29. Aircraft Operations	Ad
▶ 30. Laboratories	Ad
▶ 31. Firefighting	Ad
32. Evacuation and Rescue	Ad
▶ 34. Rope Access	Ad

## Prevention Programs & Performance Vision and Goal



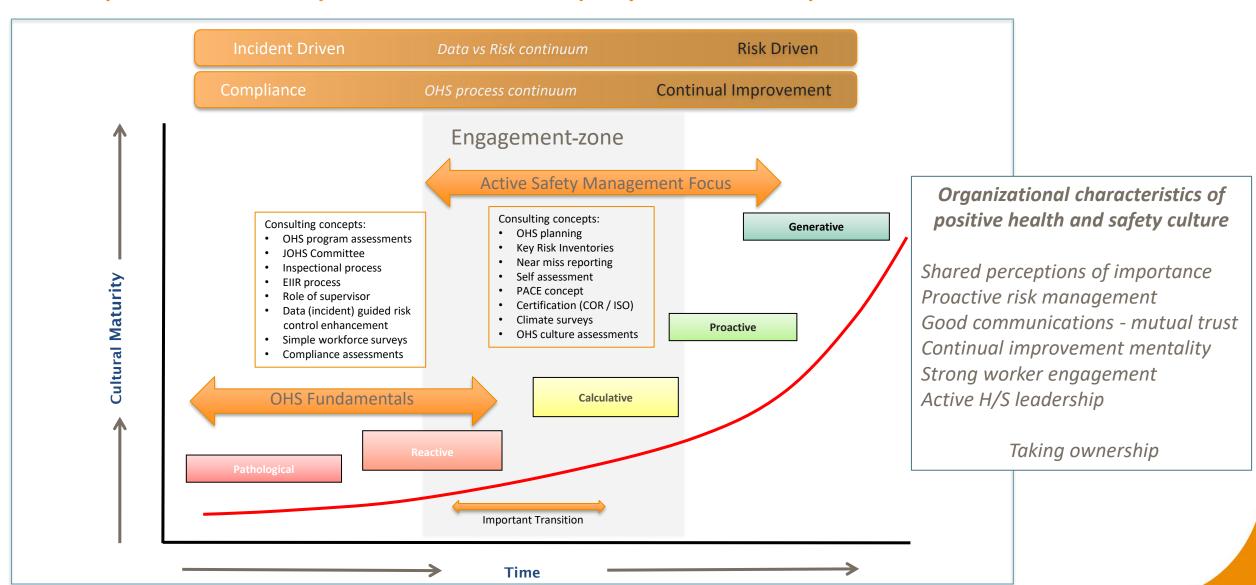


**Vision**: Enhanced OHS performance in BC workplaces through consultative engagements and regulatory programs that promote compliance and adoption of best practices in health and safety and risk management

**Goal:** Improve health and safety outcomes by engaging employers and workers towards sustainable compliance and effective risk management practices

### Moving along the OHS cultural maturity curve

OHS process best practices for employers to adopt



### Safety Culture and Leadership Team - Consulting Tools

### Moving employers along the maturity curve

### Gap Analysis Tools

A gap analysis of OHS best practices and safety culture is conducted by using various tools to look at injury, incident, and performance data together with how well health and safety and risks are managed. This results in a report with recommendations that leads to action planning and an outline of the OHS improvement initiatives to be undertaken.

### Injury Prevention Background Report



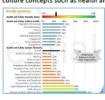
This report illustrates WorkSafeBC's view of the employer's overall health and safety performance. Created primarily from internal WorkSafeBC data sources, the report includes an initial performance overview, comparison to peers, incident type breakdowns, and pertinent location performance trends. The report presents an opening to initiate a

conversation about a consulting engagement, and may include

some initial observations on specific injury prevention opportunities for the employer

### eCAT—Employer Culture Assessment Tool

The eCAT evaluates an employer against best practice health and safety management and culture concepts such as health and safety leadership, worker engagement, transparency,



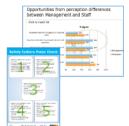
communication, and the continual improvement cycle. It is a key gap analysis tool that provides an objective health and safety culture assessment and a clear roadmap on how to improve. This proprietary tool has been piloted and refined over the last five years. The active safety management (ASM) and culture concepts contained herein have been reviewed against internationally recognized health and safety management standards (e.g., ISO 45001) and against various health and safety culture tools from other jurisdictions.



### Health and Safety Surveys



Health and safety surveys are used to gather the workforce's perspective, concerns, and ideas for improvement. Workforce engagement and participation in health and safety is a key driver of health and safety culture improvement. Various survey styles are used: simple, short conversation openers with the workforce, recognized climate surveys, and customized culture surveys.



### Injury Prevention Consulting with Employers: Tools and Approaches

### OHS Staffing Capacity Analysis

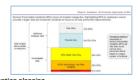
This tool answers the question: "Do you have sufficient health and safety capacity considering the size of your organization and the risks inherent to your operations?" Two OHS capacity calculation models have been piloted by WorkSafeBC injury prevention consultants. These models require some detailed data from the employer regarding job titles and staffing numbers across the organization. This analysis enables conversations with the employer regarding health and safety as an organizational priority.

Activity Analyses are in-depth operational activities focused on an employer's injury data rather than just looking at the regular statistical coding. This tool helps answer the question: "What activities are creating injuries?" Major data sources for activity trending and categorization are incident descriptions and detailed WorkSafeBC internal claims reports. Consulting reports highlighting the specific activities lead to robust discussions with the employer around targeted injury prevention initiatives.

### EIIR Analysis—Identifying Serious Preventable Incidents



A risk-based tool was developed and piloted to help employers identify serious preventable incidents direct from their EIIR data. FIIRs are a readily available data source. for all employers, and the activity and work condition descriptions that are contained therein provide a rich source of information. This tool leads directly to serious-injury prevention planning.



ect Findings & Conclusions (2)

### Change Management Tools

Change management tools support the recommendations of the gap analysis report.

### How to create a Key Risk Inventory

Using a collaborative approach with employers and workers, injury prevention consultants create a Key Risk Inventory for selected departments. Employers are then provided with an initial, sortable key risk inventory (excel-based), together with the knowledge and process templates to complete the exercise for the remainder of the site.





Spring 2020

### Injury Prevention Consulting with Employers: Tools and Approaches

### How to develop Injury Prevention Measurement Dashboards

Senior leadership engagement, understanding, tracking and prioritizing of health and safety is key to driving improvement in health and safety culture. The dashboards created with the employer for quarterly reporting to their senior executive team focus on a mix of leading (activity measures) and more traditional lagging health and safety measures. The dashboards are customized to reflect the employer's current cultural maturity and OHS sophistication, and are often reflective of the change initiatives being undertaken.

### How to conduct a CEO site visit for Health and Safety

This guide has sample health and safety questions and approaches for the CEO for all site levels and follows the key concepts of active health and safety management that drive improvement of culture, CEOs can often regard a site visit focusing on health and safety as needing to take the form of a CEO-style safety inspection. While connecting with staff will always be a critical part of any CEO's site visit, such visits should be viewed as opportunities to push the importance of health and safety at all levels. The guide helps facilitate those conversations.



### How to create Peer Safety Groups—A grass-roots approach to culture change

This grass-roots approach, centred around staff leaders for health and safety, is supported by templates that outline the terms of reference, monthly meetings, communication boards and plans, measurement, and promotional activities. A Peer Safety Group approach to culture change is enhanced by OHS educational initiatives and is particularly useful for employers who have limited access to internal health and safety resources such as OHS coordinators/managers or corporate OHS teams. This culture-changing approach was piloted in a Long-Term Care facility and was recently featured in WorkSafe Magazine.



### Health and Safety Culture Overview

A health and safety culture overview is aimed at senior leaders and management teams, emphasizing the concepts of health and safety culture and climate, and helping the employer understand the link with active health and safety management. Concepts such as senior leadership ownership for health and safety and the importance of worker engagement and participation are discussed, together with how to assess an organization's health and safety culture. Additional topics such as an active OHS program, due diligence, the role of the

JOHSC, and the continual improvement cycle assist the discussion.

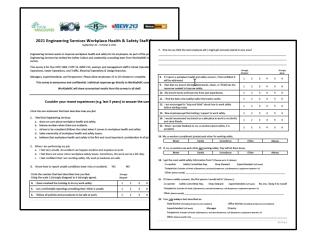
The OHS Cultural Maturity Curv

For more information contact Adrian Cook at Adrian.Cook@WorkSafeBC.com

### Helping organizations assess OHS culture

Use both objective and subjective OHS culture tools

- 3 distinct but complementary lines of inquiry are used:
  - (1) Workforce health and safety *perception survey* 
    - Likert scale OHS value questions
  - (2) Evaluation of the organizations *OHS practices* 
    - Site tours, OHS program review
    - Assessment against leading international OHS management standards
    - Discussions with leadership
  - (3) **Direct commentary** from the workforce
    - Written response questions added to the workforce safety climate survey
    - Interviews / focus groups with various levels of staff
    - <u>WorkCover Queensland</u> Safety Climate and Safety Culture
    - Health and Safety Executive Assessing Safety Culture (an inspectors guide)

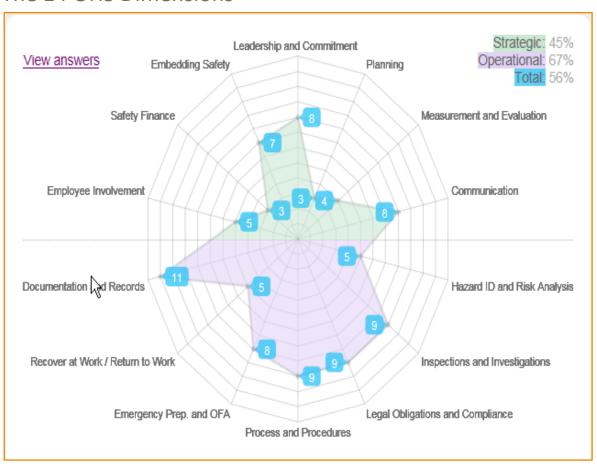




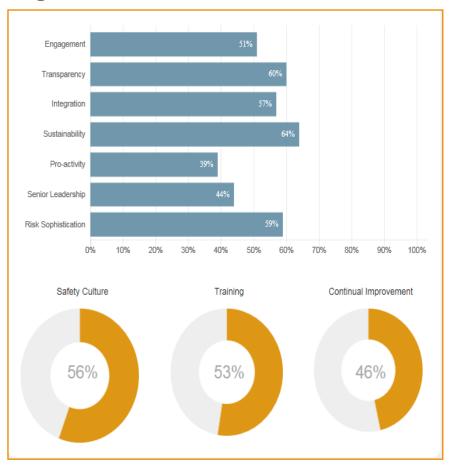
Other jurisdictions also outline this approach

# **Employer (OHS) Culture Assessment Tool - eCAT An Objective Health and Safety Culture Assessment Tool**

The 14 OHS Dimensions

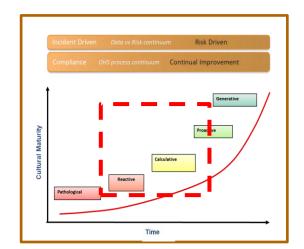


### Organizational indicators



### Where on the maturity curve

Management Focus Groups Assessment Outcome (eCAT)



Workforce Perception Survey

Management Perception of Current State

Reactive

**Calculative** 

Large range

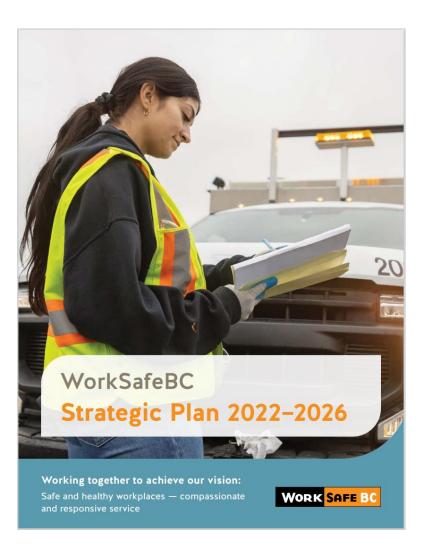
**Proactive** 

**Culture Maturity** 

- Weighted average across the 4 sites



### Health and Safety Culture now a Strategic Priority



### Priority

### Desired outcomes

Prevent workplace injury, disease, and death by engaging employers and workers in workplace health and safety

Reduce health and safety risks in B.C. workplaces
 Strengthen the health and safety culture in B.C. workplaces



High Risk Strategies



Employer-Level and Worker-Level Consultations



Expanding the Depth, Breadth, and Reach of OHS Investigations



Psychological Health and Safety



Worker Engagement and Joint Committees



Health and Safety Culture

Outcome #1
Reduce Risk in BC
Workplaces

High Risk Strategies

Worker engagement / Joint committees

Mental Health and Psychological Safety

Employer-level Consultations

**OHS** Investigations

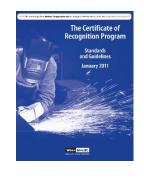
Outcome #2
Strengthen Health and
Safety Culture in BC
Workplaces

Health and Safety Culture

# **Stages of our journey – 2000 to 2022 Towards a strategic priority on health and safety culture**

- Enhancing OHS performance knowledge Shared Data strategy
  - Replaced static reports with interactive tools 2006 to present
- Created OHS performance improvement consulting programs
- Encouraged industry ownership of OHS performance
  - Funded sectoral Health and Safety Associations 2002 to 2018
- Incented active health and safety management (continual improvement)
  - Voluntary employer certification program 2006 to present
- Enhanced our risk focused messaging 2014 to present
- Visible support through new areas of our website
  - "Create and Manage a healthy and safe workplace" 2016



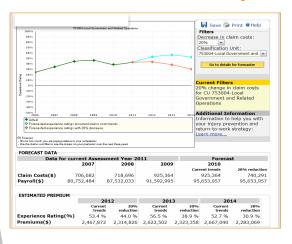


### **Enhancing OHS performance knowledge**

### Interactive tools not static reports

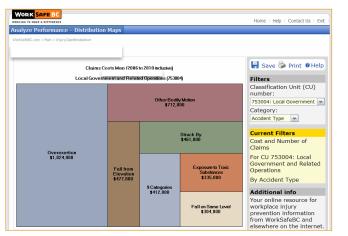
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2.7	2.8	2.4	2.7	2.6	
1	3			11	
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NA	N/A	23 / 66 %	22 / 65 N	25 / 79 %	22/99
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523,772,179	525.903.925	124,790,150	535,009,250	529,943,091	190,943.4
5100.579.052	\$105,604,700	\$110,023,426	5016,742,462	\$115,377,057	\$125,050,5
\$171,180	5217,597	\$300,050	5366,069	\$399,943	5495.1
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Hooks



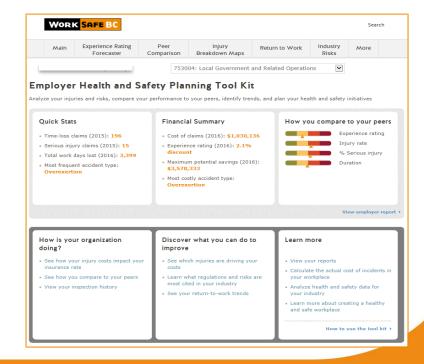


- Your costs and projections
- Your performance relative to your peers



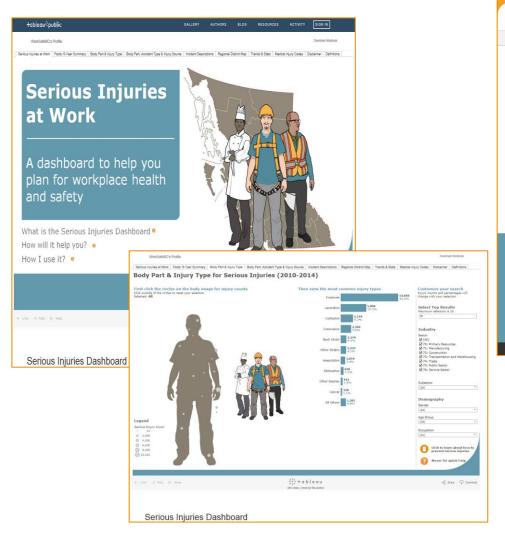
### **Call to Action**

- A planning tool
- Your injury and cost drivers
- Set your OHS and RTW initiatives



### **Enhancing OHS performance knowledge**

### Industry and employer level data sharing





### **Encouraging industry ownership of OHS**

### Funded health and safety associations

- 12 industry health and safety associations in B.C.
- Funded from employer premiums
- Industry specific OHS resources, roundtables, forums, courses, conferences

























### Incenting active health and safety management

### Voluntary employer certification

• Rewards employers who implement and maintain an effective OHS management system with a rebate on their premiums.

### **Certifying partners**

















### **Enhancing our risk messaging**

### A Risk Based Approach

### **Basics of risk management**

Four steps to a healthy and safe workplace

Managing risk in your workplace involves thinking about what might cause harm to your workers and determining whether you are taking reasonable steps to prevent that harm from happening. To manage risks, follow these basic four steps: Understand the level of risk in the workplace, implement appropriate measures, communicate policies and protocols to all workers, and monitor and update measures regularly.

### Step 1: Understand the risks

### Identify hazards

Begin by accurately identifying hazards in your workplace. A hazard is anything that can cause harm, such as chemicals, electricity, or equipment.

- Ask your workers and supervisors what health and safety concerns they have in the workplace. They should have first-hand experience and knowledge about the day-to-day operations
- Walk around the site to see for yourself what's going on. Observe how workers are carrying out their tasks. Assess the equipment workers are using Analyze the design and layout of the work areas.
- Check manufacturer instructions and safety data sheets for equipment and products that are used in your workplace
- Review incident, near miss, and first aid records.
- Review hazard reports and joint health and safety committee meeting minutes.

After you determine what hazards exist in your workplace, assess the risk these hazards pose to workers so you can dedicate the appropriate attention and level of control to each one. The risk is the chance that somebody could be harmed by these hazards, as well as the potential severity of the harm.

Hazards with a higher chance of harm and potential severity have a higher risk level. One method to display risk level based on these factors is shown below.

### Step 2: Implement measures

### Control risks

The next step is to control the risks. The greatest risk should be addressed first. If you cannot eliminate a risk, you'll need to implement control measures to minimize it.

The hierarchy of controls can help you select and



### Ideas to get started:

- · Follow the hierarchy of controls: elimination, substitution, engineering controls, administrative controls, and, finally, personal protective equipment (PPE).
- Fliminate or replace the hazard, if possible, is there a safer way to perform the task? Can workers use a less-harmful product?
- Engineering Is there any equipment or other physical changes to the workplace that will make the task safer?
- Administrative Are there safe work procedures or practices that will reduce the risk?
- PPE Is protective clothing or equipment necessary to protect workers, by itself or in combination with another type of risk control?

### Step 3: Communicate

Your risk management program won't be ef if no one knows about it.

### Ideas to get started:

- Provide managers, supervisors, and wor orientation and training on how to identif
- Document and share your safe work pro and policies with workers.

### Step 4: Monitor and update

### Monitor risks

Managing your workplace risks is an ongoi process, not a "one and done." You'll need the effectiveness of the control measures in and improve those that are not working as

### Ideas to get started:

- Conduct regular workplace safety inspec so you can identify new or changing haz and risks. Activities that support your mo inspection may include daily checks, sug walk-throughs, and a regular ongoing pro
- Observe and supervise work activities the higher level of risk. Confirm your control used properly and procedures are being
- Organize a joint committee and hold mo meetings to discuss health and safety iss Review your risk assessments at least one
- materials, or work processes.
- Conduct incident investigations to identi risks or improvements needed to more e manage previously identified risks.
- Create a master list that summarizes your workplace risks and helps you track your risk controls

### Managing risks in manufacturing workplaces: How to use the self-evaluation tool

WORK SAFE BO

### Managing risks in manufacturing workplaces: How to use the self-evaluation tool

This tool provides questions to help you evaluate how you are identifying, controlling, and managing significant risks in your operation.

This evaluation is intended to be for your own reference as part of your overall health and safety management. You will not need to provide the results of this self-evaluation to WorkSafeBC. However, you may wish to contact a prevention officer or occupational health and safety consultant from your local WorkSafeBC office if you have questions about how to create your action plans or for advice on addressing specific risks.

### A team-based approach

This tool is designed to promote discussion about how you currently identify hazards and manage risks. For best results, use a team-based approach with representation from all areas of your organization, including managers, supervisors, front-line workers, and members from your joint health and safety committee (or worker health and safety representative). The team should work together to evaluate, discuss action plans, and analyze the effectiveness of your improvement activities.

The self-evaluation questionnaires in this package are grouped under two risk management approaches: assessing risks and evaluating your safety management system

These 10 self-evaluation questionnaires can help you evaluate how you are managing significant risks that are common in manufacturing workplaces:

- · Combustible dust
- · Flammable and combustible substances
- · Safeguarding and lockout
- · Power tools
- . Hand tools

- · Material handling
- · Falls from elevation · Slips, trips, and falls
- Mobile equipment
- · Musculoskeletal injury (MSI)

Download and save the questionnaires for the risks that apply to your workplace. These questionnaires are provided in a fillable Word format for you to document the results of your evaluation

There are multiple questions for evaluating each risk, so you will likely want to complete them over several sessions. Note, too, that some risks are inter-related so you may find it helpful to look at them in combination (e.g., safeguarding and power tools, material handling and MSI). You can also revisit the tool periodically to re-evaluate the risks at your workplace and monitor how you have been able to reduce risks over time

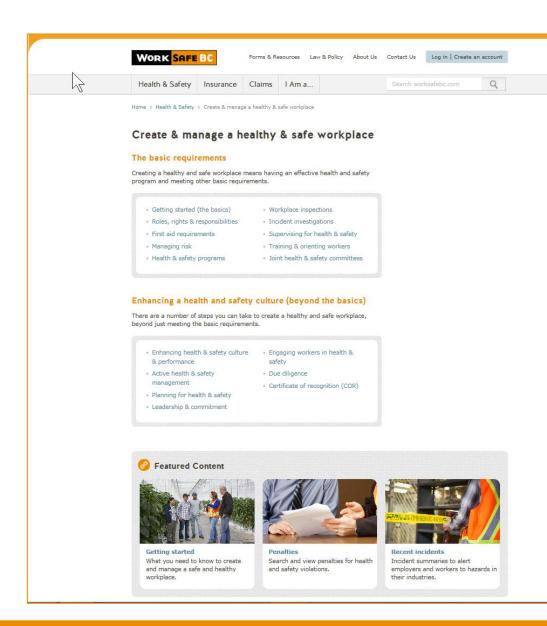


Learn more about the basics of workplace health and safety

Visit worksafebc.com/create-manage for additional information and resources, including managing risk, health and safety programs, supervising for safety, and meeting other basic requirements

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### WorkSafeBC.com and health and safety culture



### **Enhancing health & safety culture & performance**

"Your workplace's health and safety culture, proactive management of health and safety, and health and safety performance are interlinked."

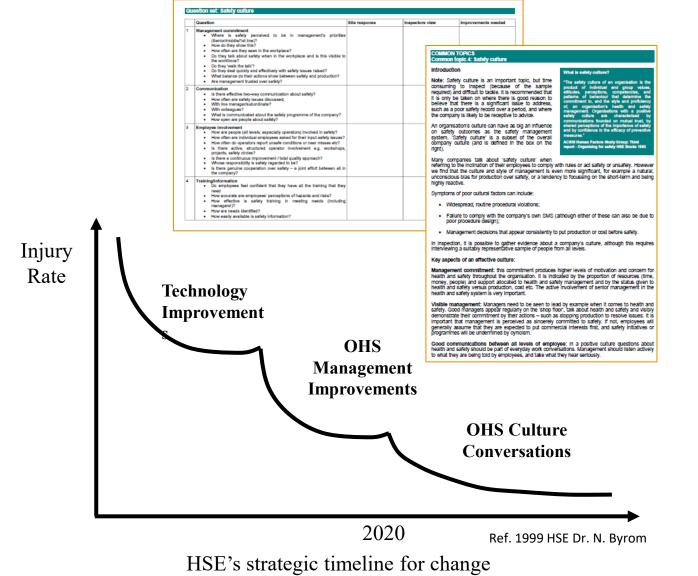
Culture is what you do not what you say

### Improving health and safety culture

Improving your organization's health and safety culture involves *clearly demonstrating* that the organization places a high priority on:

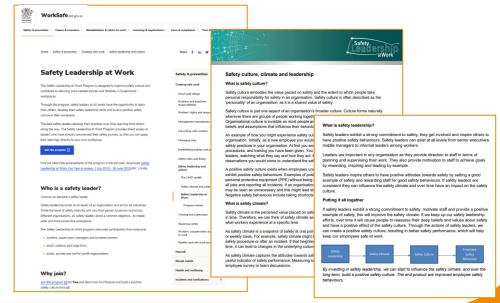
- Preventing injuries
- Minimizing risks
- Solving occupational health and safety issues
- Investing in control measures
- Engaging your entire workforce in health and safety
- Being transparent and open about health and safety
- Leading and striving for continual improvement in health and safety performance

### Jurisdictional journey - health and safety how









# What's Next ... Opening OHS Culture conversations

Use OHS Culture prevention stream to:

- Open more conversations on the "OHS how"
- Develop new OHS culture check and OHS culture assessment materials
- Grow our "Enhancing health and safety culture" website area
- Support with strategic regulatory changes









Worker Engagement and Joint Committees



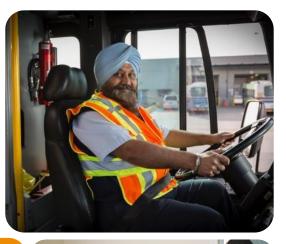
Health and Safety Culture

The next phase of our journey towards the "OHS how" is just beginning ...









## **Questions and Discussion**







