Which of the following best describes your current role?

- Owner/Client Representative
- Contractor Representative
- Union Representative
- Union Member
Canadian Ironworker

CALL TO SAFETY

July 22, 2020
Steve Rank
Executive Director of Safety and Health
IW/IMPACT CALL TO SAFETY WEBINAR SERIES
CONTACT THE IW SAFETY DEPARTMENT

1-833-355-SAFE (7233)

Safety@iwintl.org
Kevin Bryenton
President
General Vice-President
Director of Canadian Affairs
Ontario Ironworkers District Council
Eric Dean
General President
James Buisson
President
District Council of Eastern Canada
Colin Daniels
President
District Council of Western Canada
The DEADLY DOZEN Activities and Hazards
Falls through unprotected or inadequate floor opening covers
Collapse of unsecured open web steel joists
Lack of fall protection and inadequate use of fall arrest equipment
Falls during installation of floor and roof decking
Material handling injuries during steel erection and reinforcing steel activities
Column collapse due to anchor bolt failure and/or insufficient concrete strength
Structural collapse of unsupported reinforcing steel columns, walls, and decks
Struck-by injuries from falling objects, tools, and materials
Caught between injuries during hoisting and rigging operations
Impalement from unprotected reinforcing dowels or other vertical projections
Electrical hazards and injuries from high-voltage power lines
Heat illness and toxic exposure to chemicals and air-borne contaminants.
Canadian Ironworker
CALL TO SAFETY

July 22, 2020
OHS LANDSCAPE IN CANADA
BACK TO A TIME - LEGISLATION IN CANADA

1964: THE INDUSTRIAL SAFETY ACT

1978: OCCUPATIONAL HEALTH AND SAFETY ACT (BILL 70)

1998: WORKERS’ COMPENSATION REFORM ACT (BILL 99)

2004: CODE OF LIABILITIES FOR CORPORATIONS (BILL C-45)

2004: WORKING ALONE REGULATIONS

2009: WORKPLACE VIOLENCE (BILL 168)

2010: CONFINED SPACE
In the regions you work, the Occupational Health and Safety legislation/regulations:

- Exceed the industry needs
- Meets the industry needs
- Require improvement to meet the industry needs
- Does not meet the industry needs
Our Journey

- **Pre 2000**: Support Management Systems
- **2000**: Additional Best Practices, Policies and Procedures
- **2005**: Commitment to The Fundamentals
- **2010**: Supporting Management Systems
- **2020**: Specialized Approaches

**The Fundamentals**: Legislation and Enforcement

**Commitment to The Fundamentals**: Alcohol and Drug Programs, Best Practices, Proactive Tools

**Supporting Management Systems**: Additional Best Practices, Policies and Procedures

**Specialized Approaches**: Human Factors, Behavioral and Cultural Alignment, Mentoring, Supervisor/Journeyman/Apprentice Training and Assessing Competence

**Injury Frequency**
- **Pre 2000**: 7
- **2005**: 4
- **2010**: 1
- **2020**: 0
2018 Lost Time Claims in Canada

Canada Total: 264,438

By Occupation:

- Management occupations: 7,983
- Business, finance and administration: 14,300
- Natural and applied sciences and related: 4,424
- Health occupations: 12,571
- Social science, education, government service and religion: 2,759
- Art, culture, recreation and sport: 7,983
- Sales and service occupations: 6,519
- Trades, transport and equipment operators and related: 29,744
- Occupations unique to primary industry: 1,889
- Occupations unique to processing, manufacturing and utilities: 5,006
- Not coded: 85,791

THE HISTORIC COMPROMISE

WORKMEN'S COMPENSATION

Draft Bill of
SIR WILLIAM R. MEREDITH

https://youtu.be/IQJd-xFBlfI
Do you have written programs as part of your safety and health management system?

- YES
- NO
- NOT SURE
Contractors, is your safety and health program COR™ certified?

- YES
- NO
- NOT SURE, WHAT IS “CERTIFICATION OF RECOGNITION”? 
COR™ is endorsed by participating members of The Canadian Federation of Construction Safety Associations.

- Recognizes that an employer has implemented an occupational health and safety management system.

- Meets or exceeds regulatory requirements.
THE COR™ PROGRAM

BENEFITS FOR EMPLOYERS

• Proven to help reduce the number and frequency of workplace incidents,
• Increase protection from OH&S liability and helps establish due diligence
• Helps lower lost time claim rates
• Helps create a level playing field in which all contractors meet required H&S standards
• Helps lower workers compensation assessment rates in the long term
• Improves competitiveness and profitability
• Third party verification of H&S practices
• Improves record keeping
COMPETENT and QUALIFIED
What is a “Competency”? Means special capabilities of human being. With the advancement of age, the practical capabilities which one achieves, are his or her competency. Competency is something, which has to be acquired. So, to acquire competency-efforts, practice and perseverance are very much needed.
What is a “Competent Person”? 

Generally a “competent person” is defined as “one who has knowledge, training and experience to complete tasks with limited supervision or no supervision.

• Capable of identifying existing and predictable hazards in the surroundings or working conditions

The term is used in many Occupational Safety and Health standards and documents.
What is a “Qualified Person”? 

A qualified person is one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, has successfully demonstrated his/her ability to solve or resolve problems relating to the subject matter, the work, or the project.
What is “Certification”?

Formal procedure by which an accredited or authorized person or agency assesses and verifies (and attests in writing by issuing a certificate) the attributes, characteristics, quality, qualification, or status of an individual in accordance with established requirements or standards.
The apprenticeship and training program meets the needs of the contractor relating to safety and health education?

- STRONGLY AGREE
- AGREE
- DISAGREE
- STRONGLY DISAGREE
APPRENTICESHIP
TRAINING
WORLD CLASS TRAINING
FOR IRONWORKERS

www.ironworkers.org

www.impact-net.org
Contractors, do you support the NCSO™ Program?

- YES
- NO
- NOT SURE, WHAT IS THE “NATIONAL CONSTRUCTION SAFETY PROGRAM”?
THE NCSO™ PROGRAM

• NCSO™ is endorsed by participating members of The Canadian Federation of Construction Safety Associations

• Combine entry level safety training with field experience
The NCSO™ Program

General Compulsory Elements:
- Health & Safety Program Content
- Investigations & Reporting
- Training & Communication
- Legislation & Responsibilities
- Supervisory Training
- Emergency Preparedness & First Aid
- Hazard Identification, Analysis & Control
- Inspections
- Records & Statistics
- Auditing

Construction Specific Elements:
- WHMIS
- Preventative Maintenance
- Occupational Health/Hygiene
- Safe Work Practices & Procedures
- Personal Protective Equipment
- Site Safety & Housekeeping
OUR INDUSTRY CHALLENGES

- Client/Owner
- General Contractor
- Contractor
- Local Union
- Union Training
- Others
OUR INDUSTRY CHALLENGES
OUR INDUSTRY CHALLENGES
OUR INDUSTRY CHALLENGES
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OUR INDUSTRY CHALLENGES
Structural Steel Erection Best Practices

- Concrete Strength
- Double Connections
- Anchor Bolts Connections
- Decking Operations
• **1926.755(a)(1)** All columns shall be anchored by a minimum of 4 anchor rods (anchor bolts).
Structural Steel Erection Best Practices

Four (4) anchor bolts, on a structural column, is considered best-practice by industry.

Any deviation from a 4-bolt anchor rod pattern, should be addressed by a P.Eng. (professional engineer) and detailed in the site-specific steel erection work plan to identify safe methods for erection.

**Figure 2 | Sample anchor rod schematic**
Voluntary Industrial Hygiene Program/3M Partnership
I am interested in participating in future Ironworker/IMPACT hosted safety webinars and roundtable meetings.

- YES
- NO
- NOT SURE
WHAT DOES IT TAKE TO PRE-QUALIFY FOR INDUSTRIAL PROJECTS?

WEDNESDAY, JULY 29, 2020 AT 11:00 AM ET

WAYNE CREASAP
DISTRICT REPRESENTATIVE
LUNCH AND LEARN PROGRAM

DISTRICT COUNCIL SAFETY HOUR

LUNCH & LEARN

Date: July 15, 2020

To: All Local Members, Agency Members, Related Contractors, Agency Contractors, Legal Practitioners, Other Professionals, and Associates with Applications in the Field of Building

From: Denis Daviau, President, St. Louis District Council and Safety and Health Department

Subject: St. Louis and Special District Councils Lunch and Learn Safety Hour

In response to the guidance from our national body, the District Councils have decided to hold a series of lunch and learn events to enhance safety and regulatory compliance and to ensure that all members of our organization are up to date with the latest requirements. This event is titled "District Council Lunch and Learn Safety Hour" and will be held on August 10, 2020. The purpose of this event is to provide valuable information and resources for participants interested in safety and health.

Please note that this is a preliminary event, and we will be adding more details in the coming weeks. We encourage all members to attend, as it will be a great opportunity to network and learn from each other.

Thank you for your support, and we look forward to seeing you there.

St. Louis District Council Lunch and Learn Safety Hour

Date: August 10, 2020

Time: 12:00 Noon CDT

Our goal is to foster knowledge-sharing and to promote safety and regulatory compliance within the St. Louis District Council. We hope to see you all there.

Sincerely,

Denis Daviau, President
St. Louis District Council

To register, please visit our website or call 1-800-123-4567.
THANK YOU!

1-833-355-SAFE (7233)

Safety@iwintl.org