



Canadian Ironworker **CALL TO SAFETY**

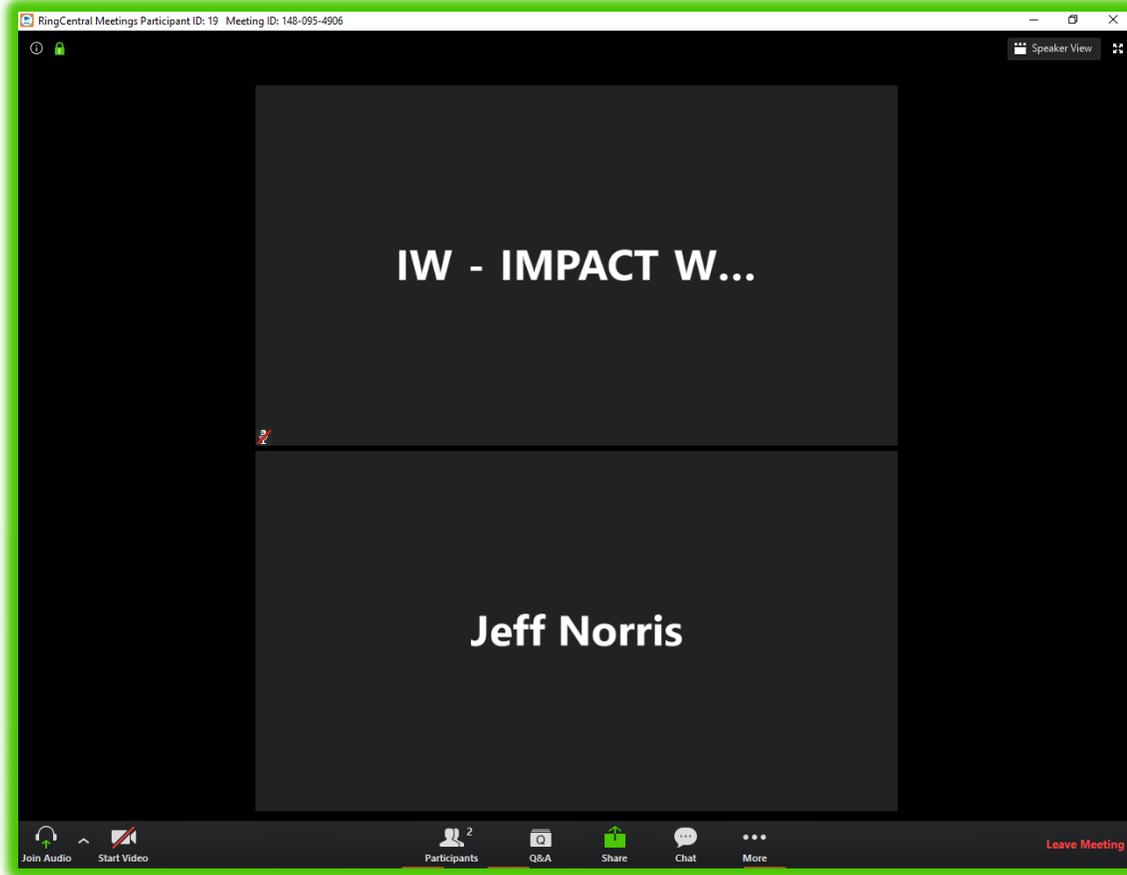


July 22, 2020

RingCentral NAVIGATION

Ask a Question

Chat with others





POLL QUESTION

Which of the following best describes your current role?

- Owner/Client Representative**
- Contractor Representative**
- Union Representative**
- Union Member**





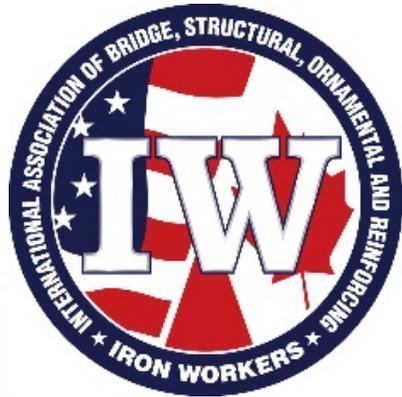
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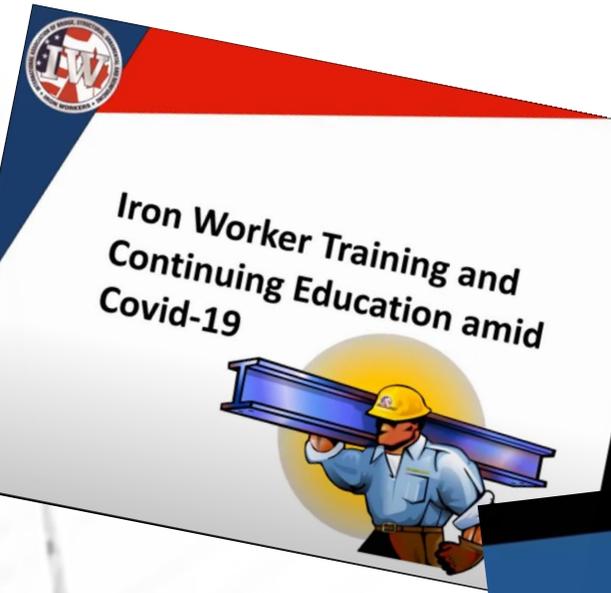
July 22, 2020

Steve Rank

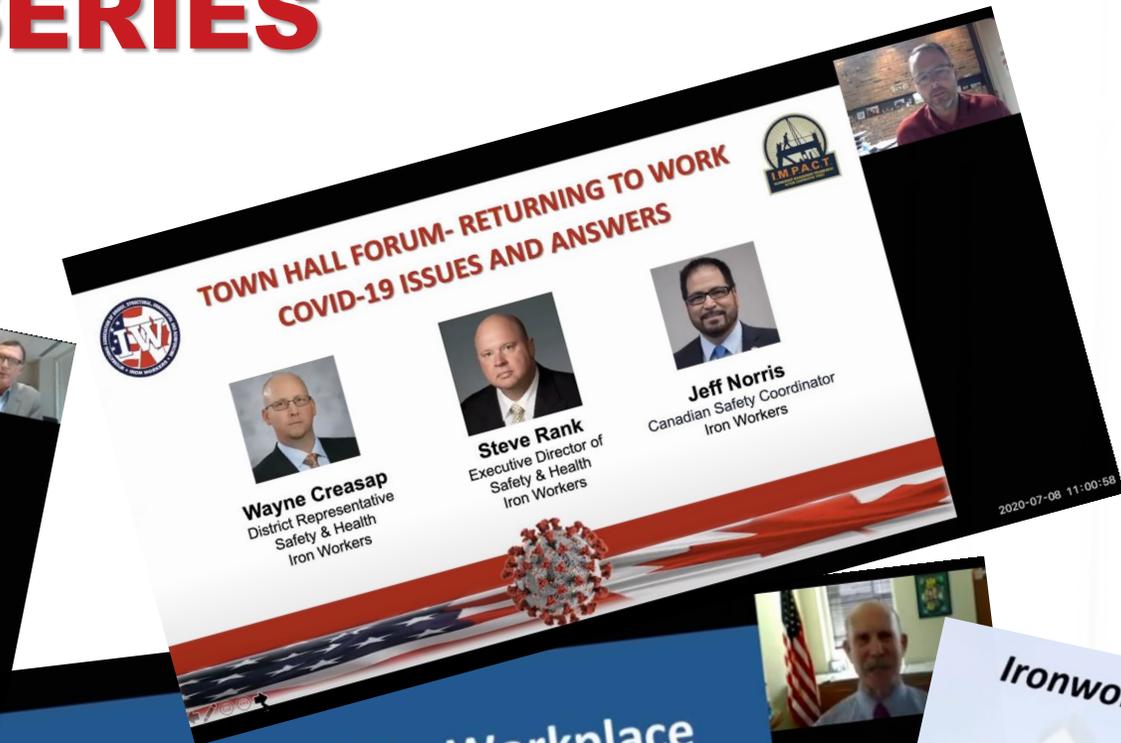
Executive Director of Safety and Health



IW/IMPACT CALL TO SAFETY WEBINAR SERIES



Iron Worker Training and Continuing Education amid Covid-19



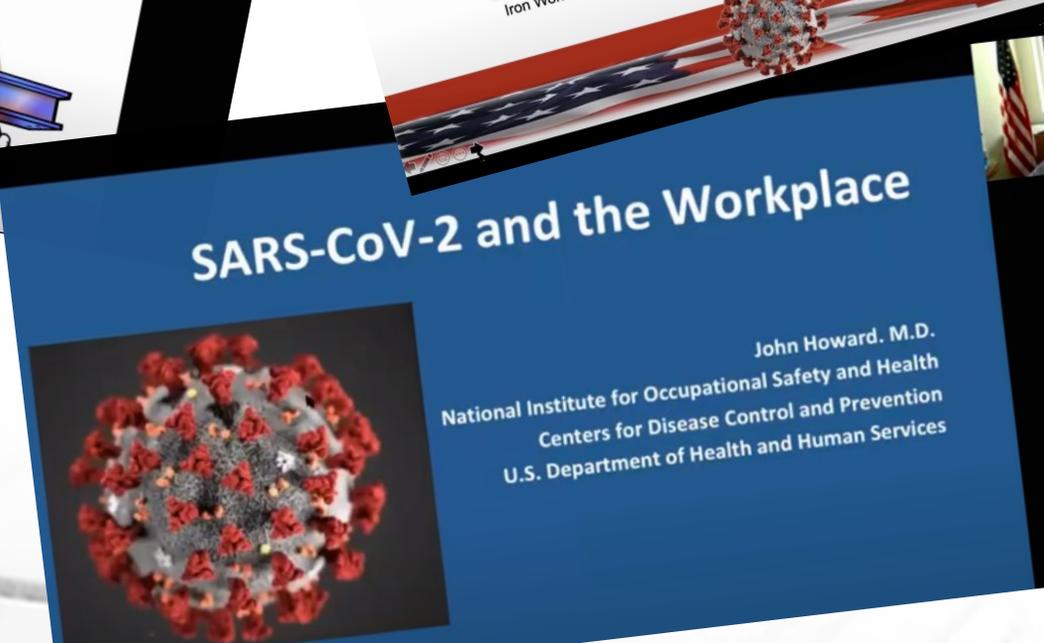
TOWN HALL FORUM- RETURNING TO WORK COVID-19 ISSUES AND ANSWERS

Wayne Creasap
District Representative
Safety & Health
Iron Workers

Steve Rank
Executive Director of
Safety & Health
Iron Workers

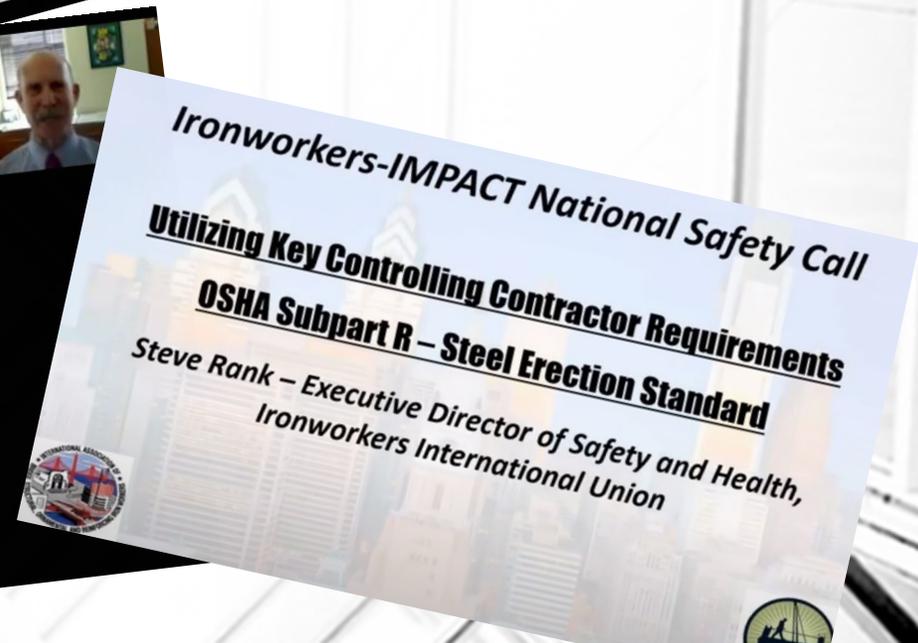
Jeff Norris
Canadian Safety Coordinator
Iron Workers

2020-07-08 11:00:58



SARS-CoV-2 and the Workplace

John Howard, M.D.
National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention
U.S. Department of Health and Human Services



Ironworkers-IMPACT National Safety Call
Utilizing Key Controlling Contractor Requirements
OSHA Subpart R - Steel Erection Standard

Steve Rank - Executive Director of Safety and Health,
Ironworkers International Union



CONTACT THE IW SAFETY DEPARTMENT



1-833-355-SAFE (7233)



Safety@iwintl.org

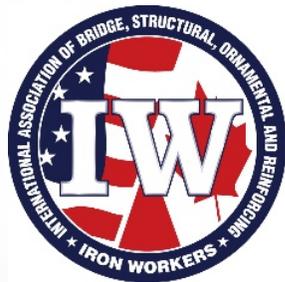
Kevin Bryenton

President

General Vice-President

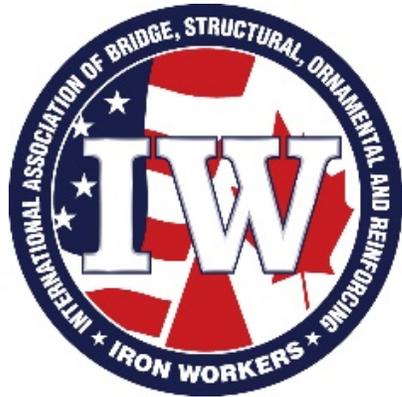
Director of Canadian Affairs

Ontario Ironworkers District Council



Eric Dean

General President





Canadian Ironworker **CALL TO SAFETY**



July 22, 2020

James Buisson

President

District Council of Eastern Canada



Colin Daniels

President

District Council of Western Canada



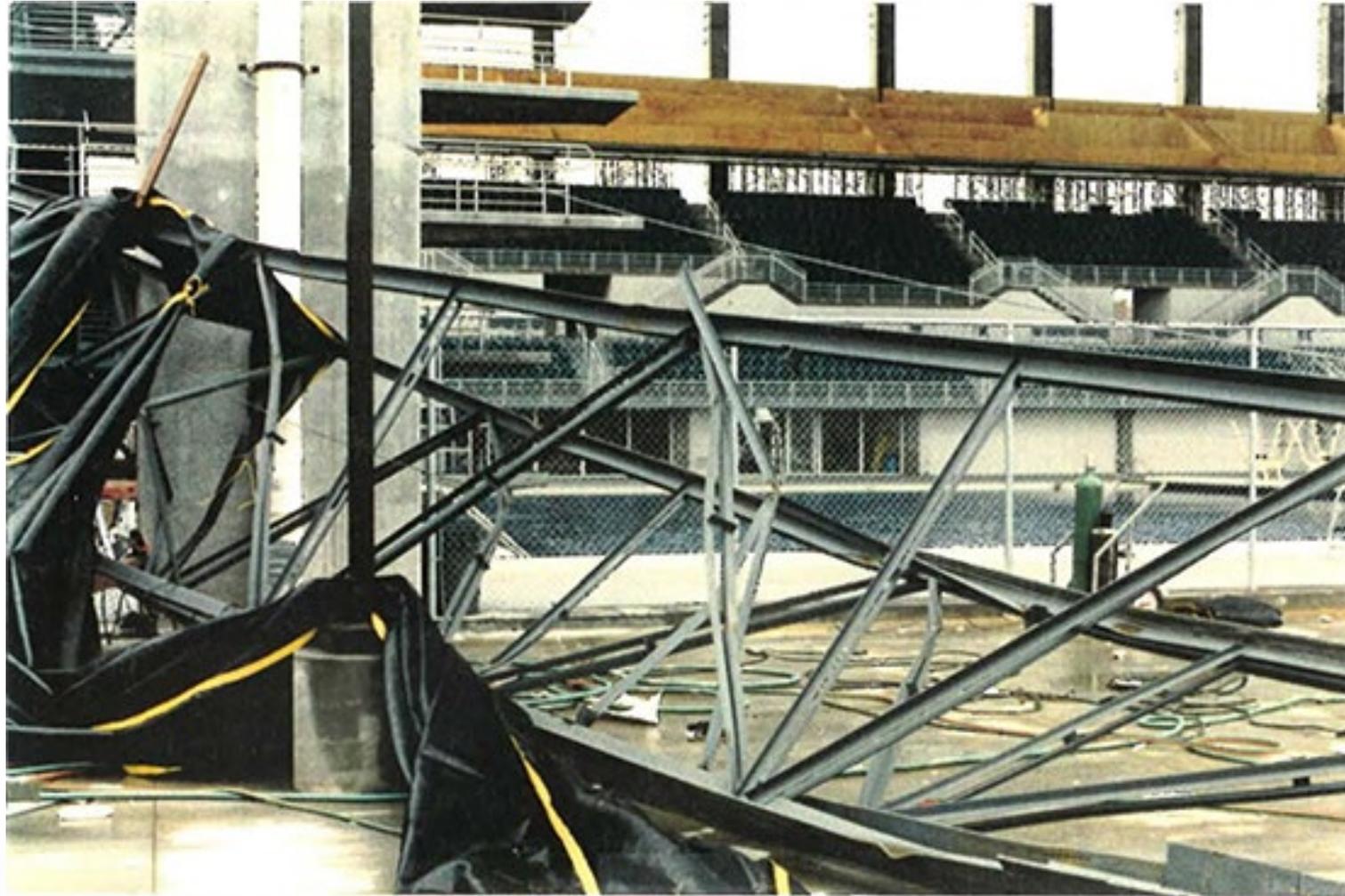
The DEADLY DOZEN Activities and Hazards



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



Structural Erection

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



Flux Core Welding



Canadian Ironworker **CALL TO SAFETY**



July 22, 2020



DISTRICT COUNCILS IN CANADA



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)



2010:
CONFINED SPACE

2009:
WORKPLACE VIOLENCE (BILL 168)

2004:
WORKING ALONE REGULATIONS



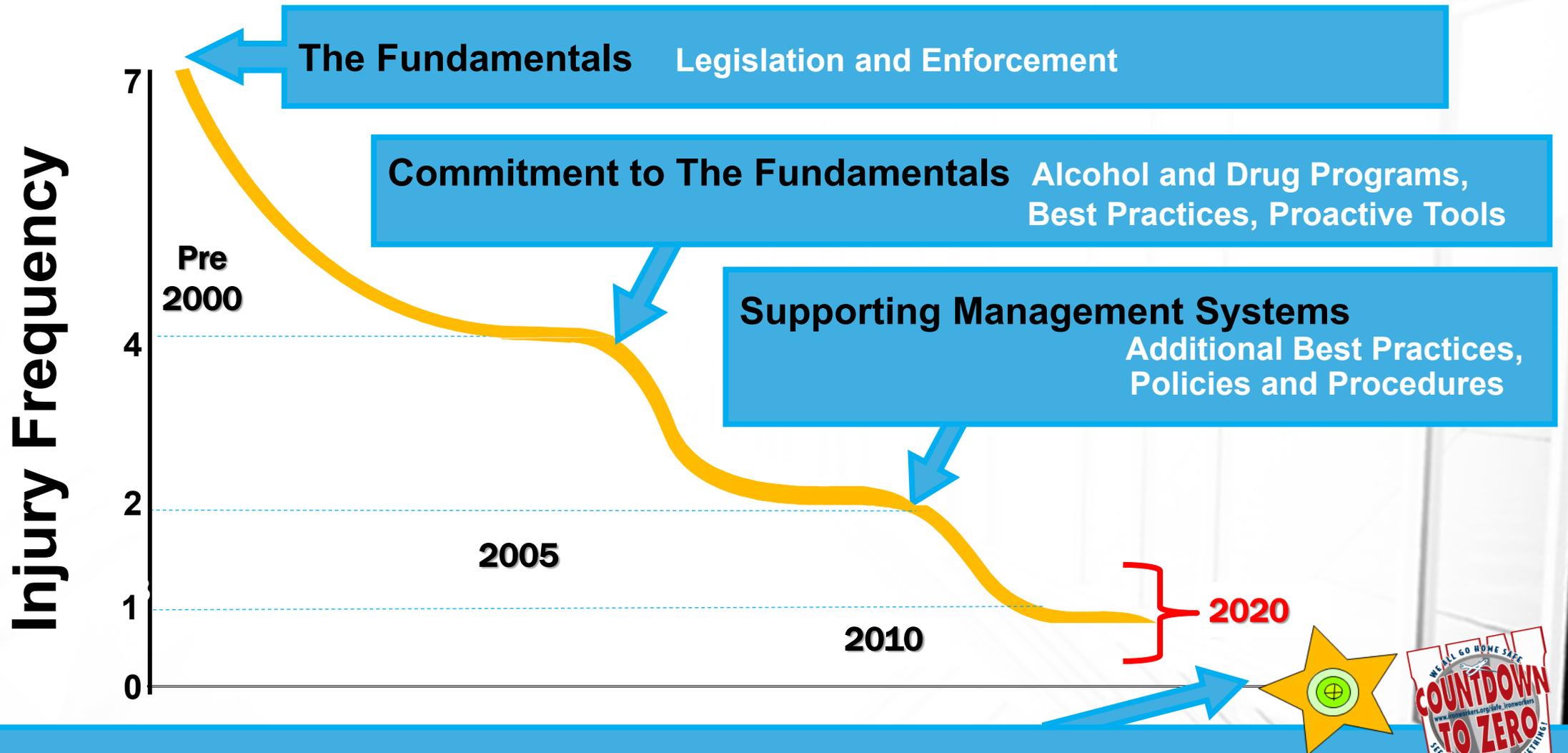
POLL QUESTION

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



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

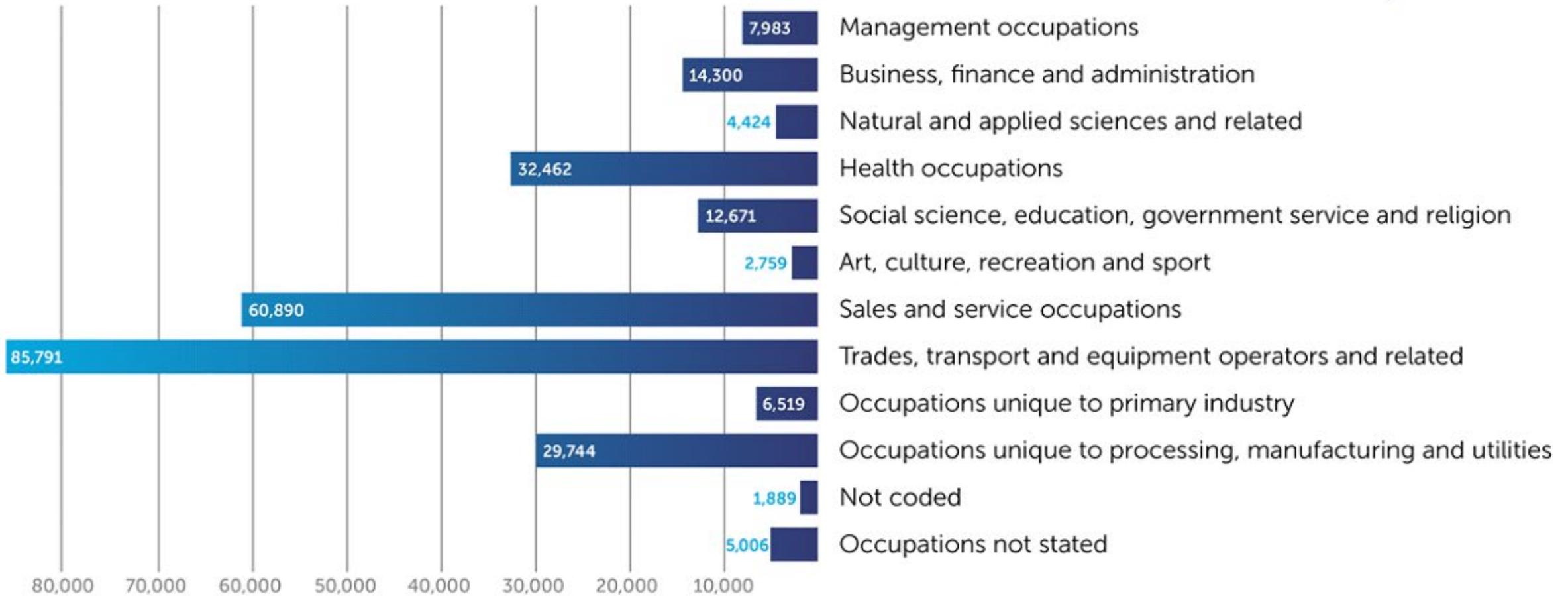


2018 Lost Time Claims in Canada



CANADA TOTAL: 264,438

BY OCCUPATION



THE HISTORIC COMPROMISE



WORKMEN'S COMPENSATION

Draft Bill of
SIR WILLIAM R. MEREDITH



<https://youtu.be/IQJd-xFBIfI>



CONSTRUCTION SAFETY ASSOCIATIONS





POLL QUESTION

Do you have written programs as part of your safety and health management system?

- YES**
- NO**
- NOT SURE**





POLL QUESTION

Contractors, is your safety and health program COR™ certified?

- YES**
- NO**
- NOT SURE, WHAT IS “CERTIFICATION OF RECOGNITION”?**





THE COR™ PROGRAM

- **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

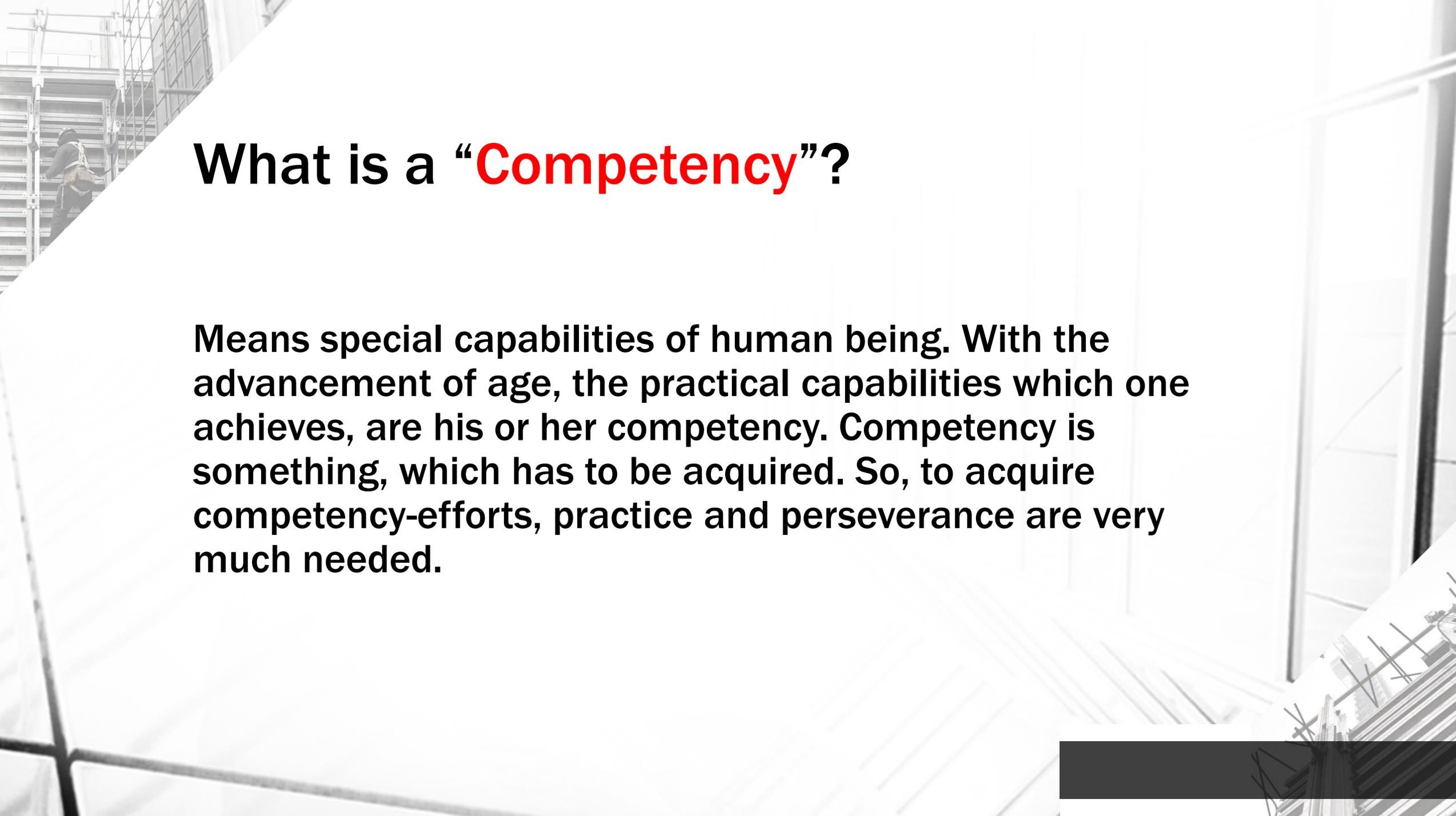
BENEFITS FOR EMPLOYERS

- 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



A modern office interior with a large window and a desk. The window is on the right side, showing a view of a building. The desk is in the foreground, and the background is a bright, open space.

COMPETENT and QUALIFIED



What is a “Competency”?

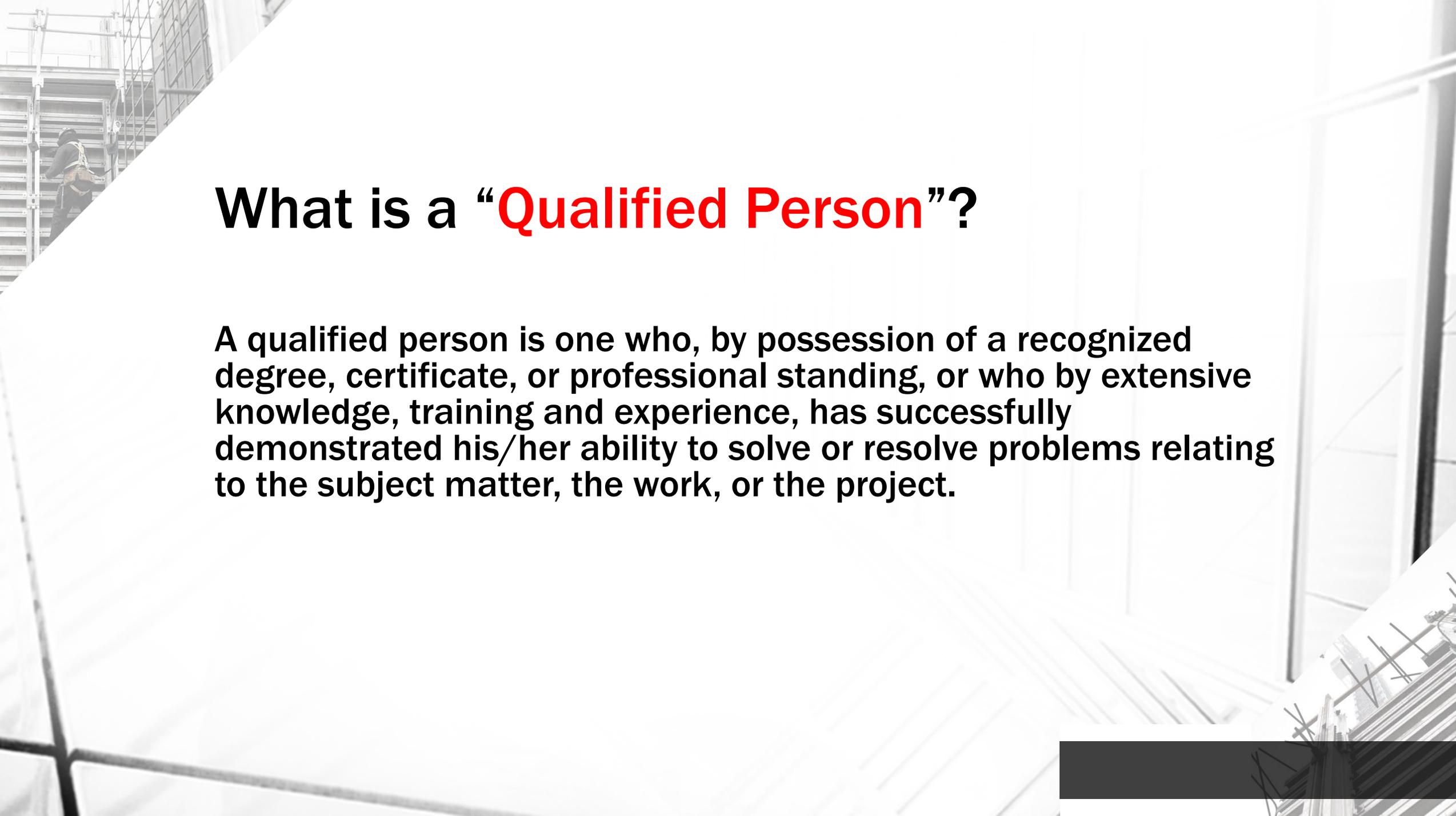
Means special capabilities of human being. With the advancement of age, the practical capabilities which one achieves, are his or her competency. Competency is something, which has to be acquired. So, to acquire competency-efforts, practice and perseverance are very much needed.

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.

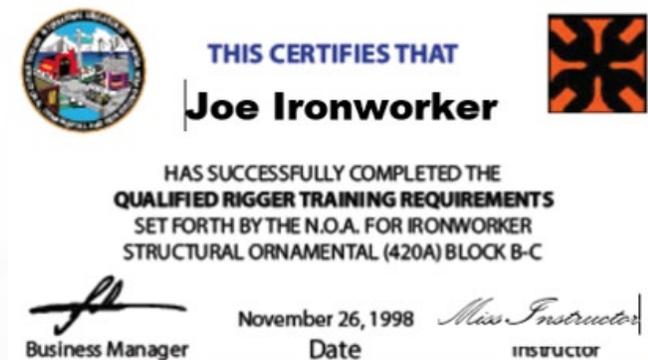


What is a “Qualified Person”?

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.





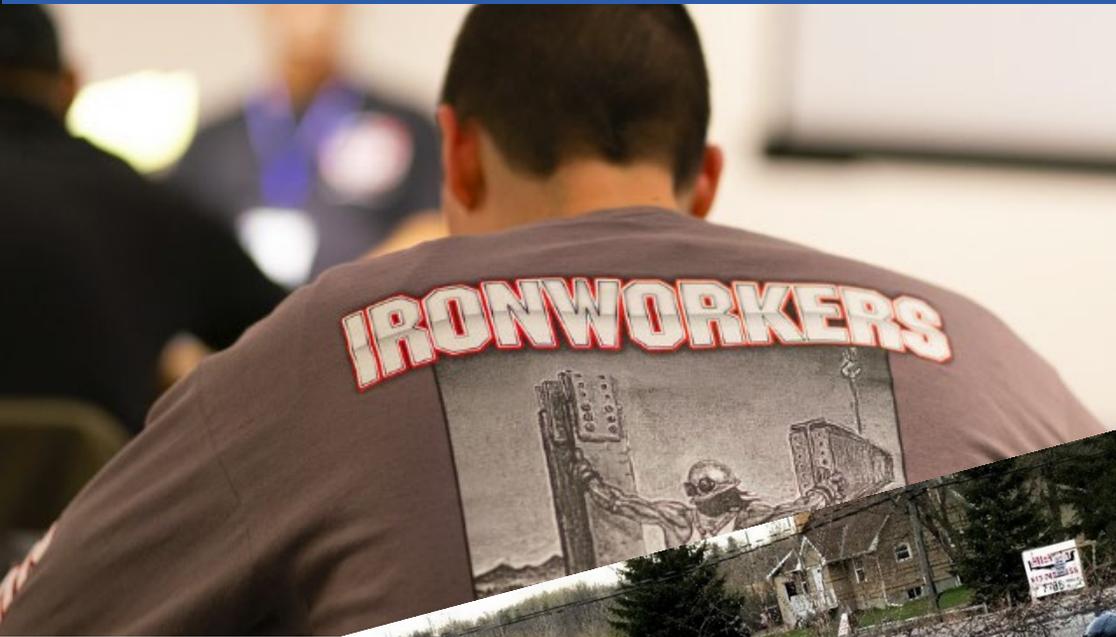
POLL QUESTION

The apprenticeship and training program meets the needs of the contractor relating to safety and health education?

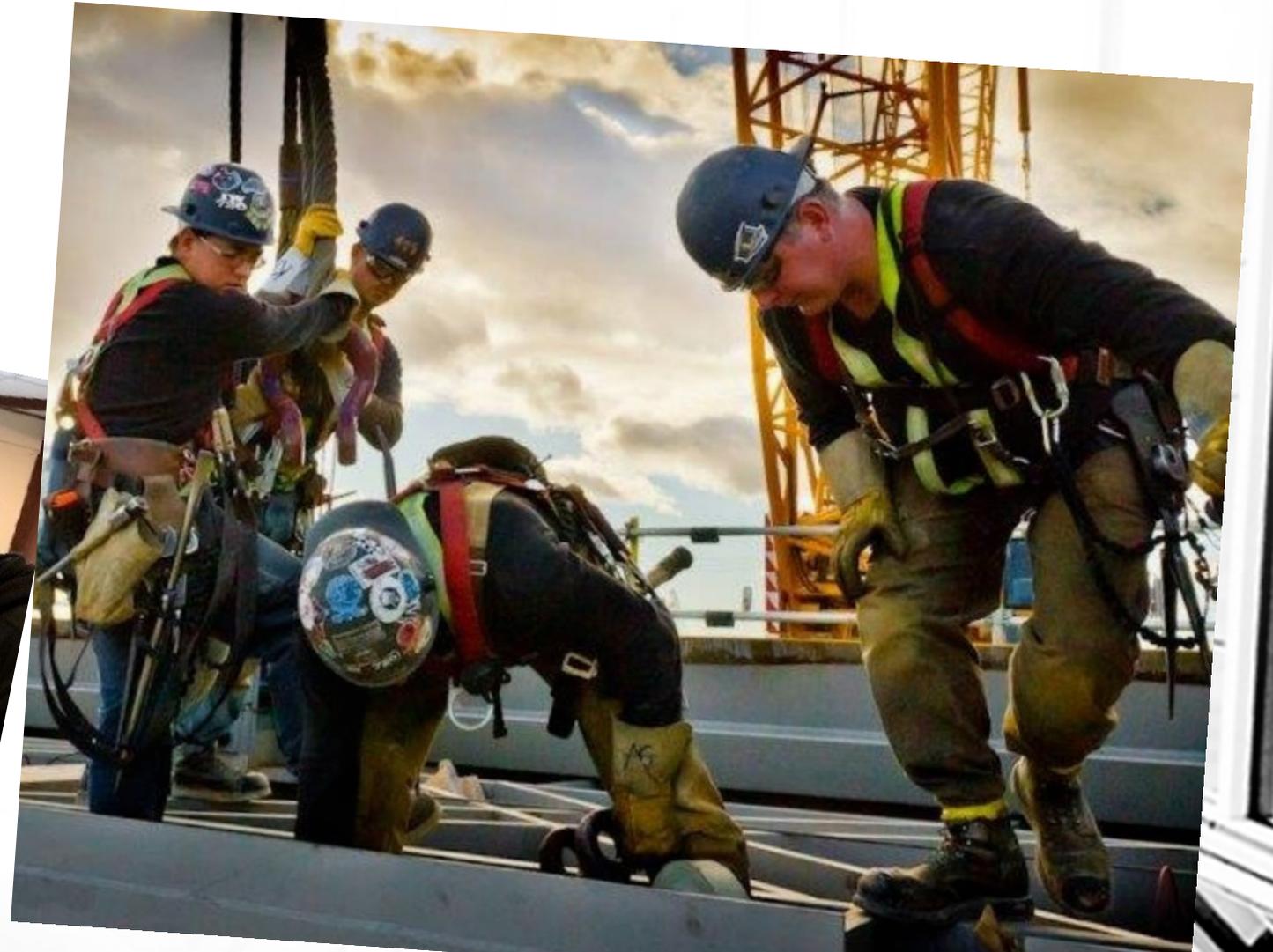
- STRONGLY AGREE**
- AGREE**
- DISAGREE**
- STRONGLY DISAGREE**



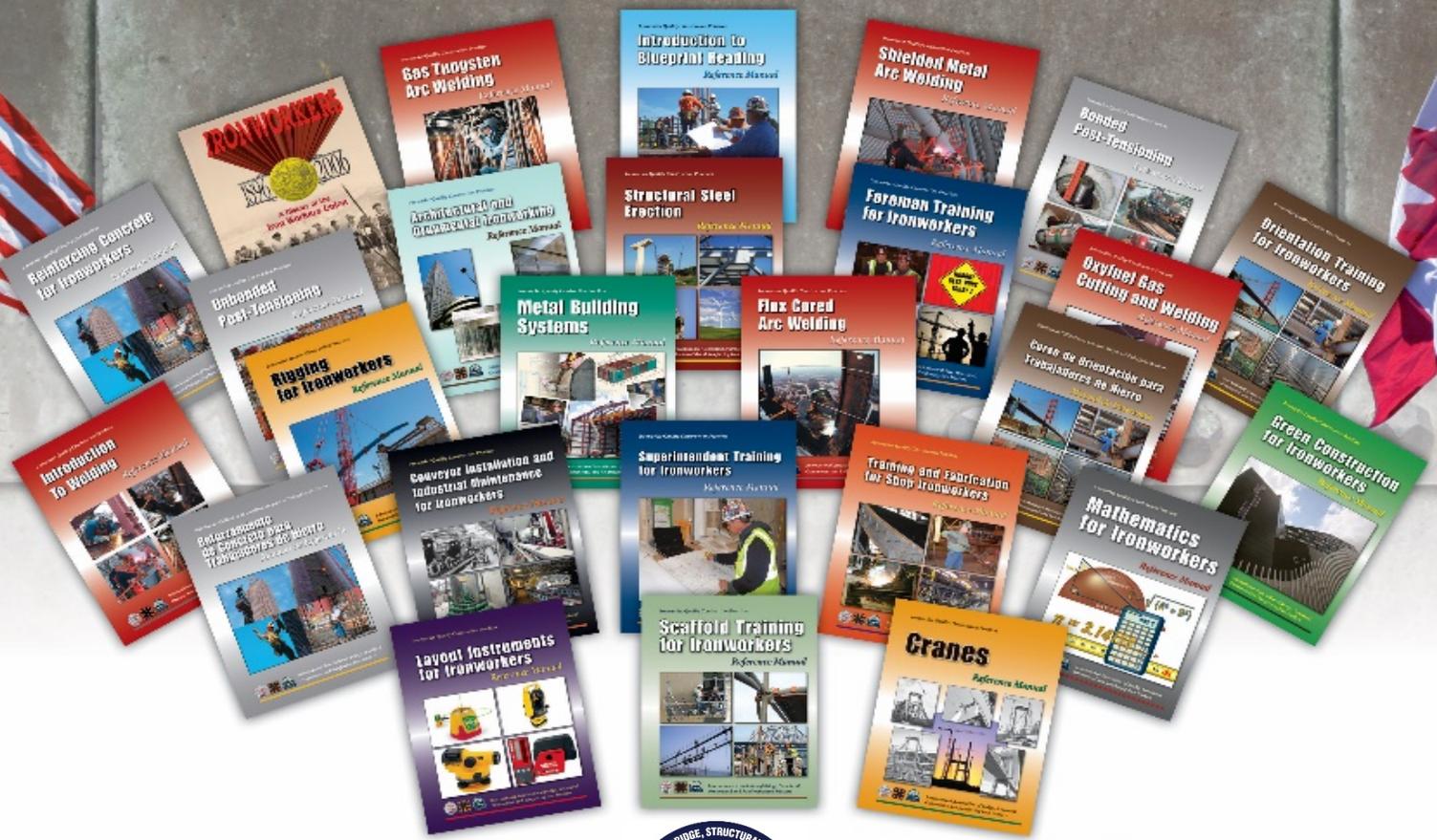
APPRENTICESHIP



TRAINING



WORLD CLASS TRAINING FOR IRONWORKERS



www.ironworkers.org



www.impact-net.org

Work Ready Work Force





POLL QUESTION

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



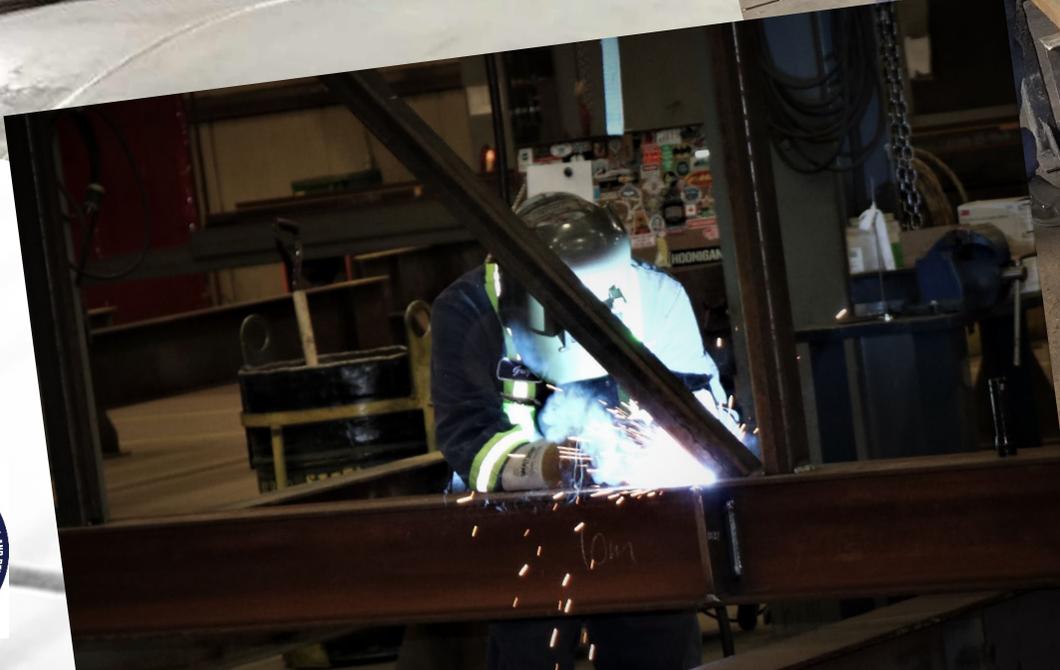
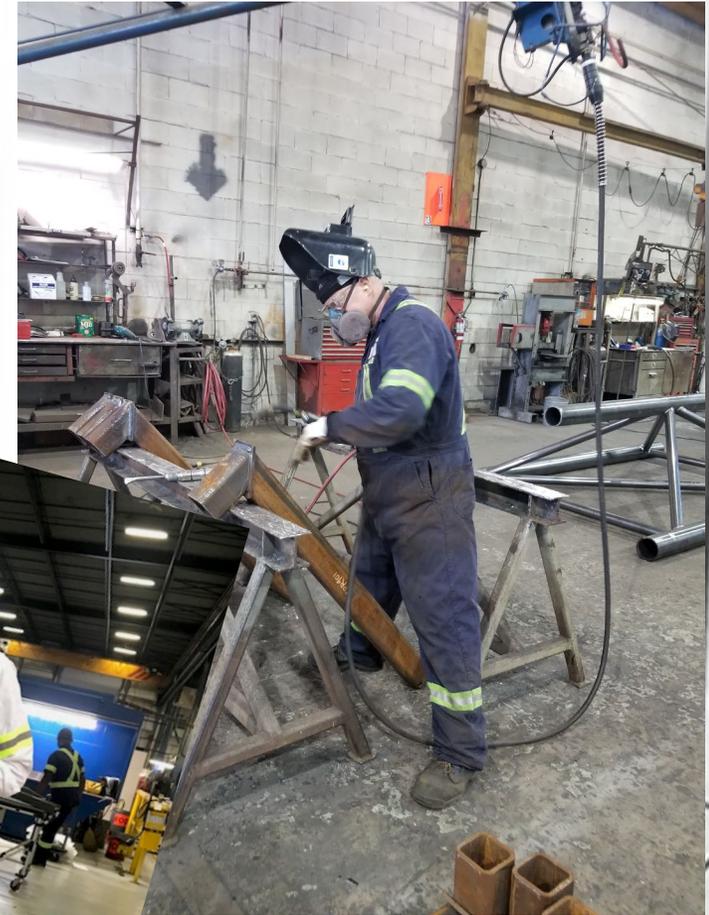
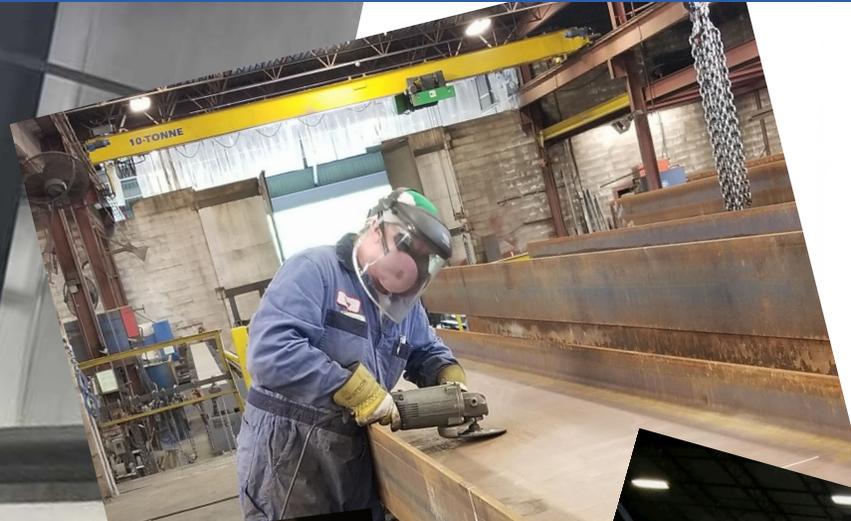
OUR INDUSTRY CHALLENGES

- **Client/Owner**
- **General Contractor**
- **Contractor**
- **Local Union**
- **Union Training**
- **Others**



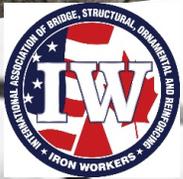
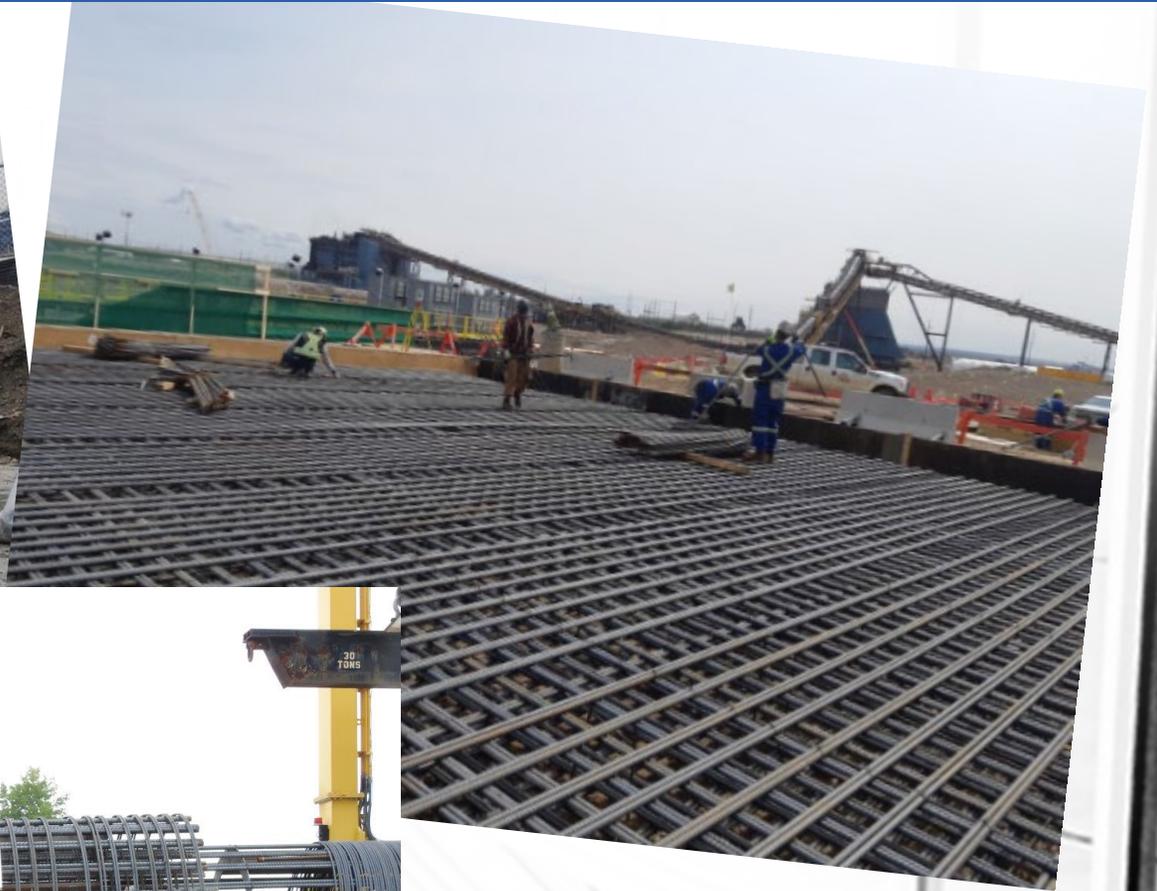


OUR INDUSTRY CHALLENGES





OUR INDUSTRY CHALLENGES





OUR INDUSTRY CHALLENGES



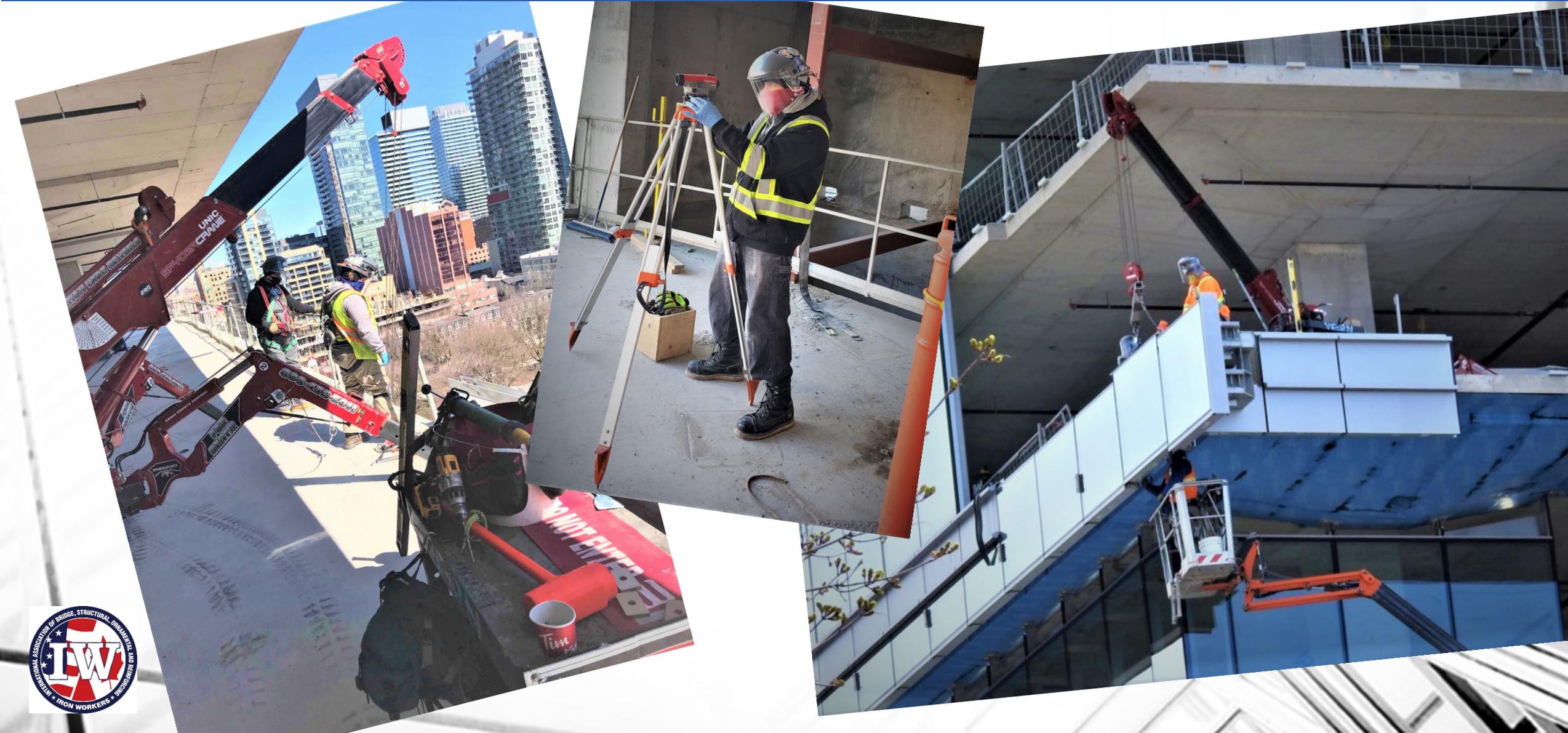


OUR INDUSTRY CHALLENGES





OUR INDUSTRY CHALLENGES



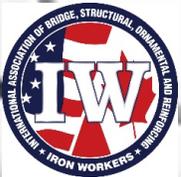
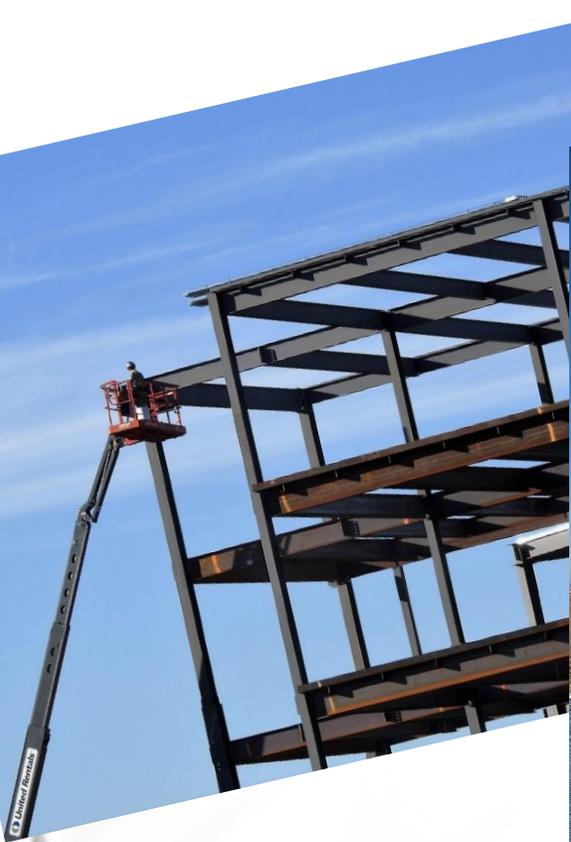


OUR INDUSTRY CHALLENGES

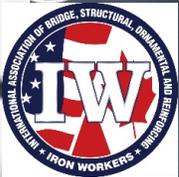
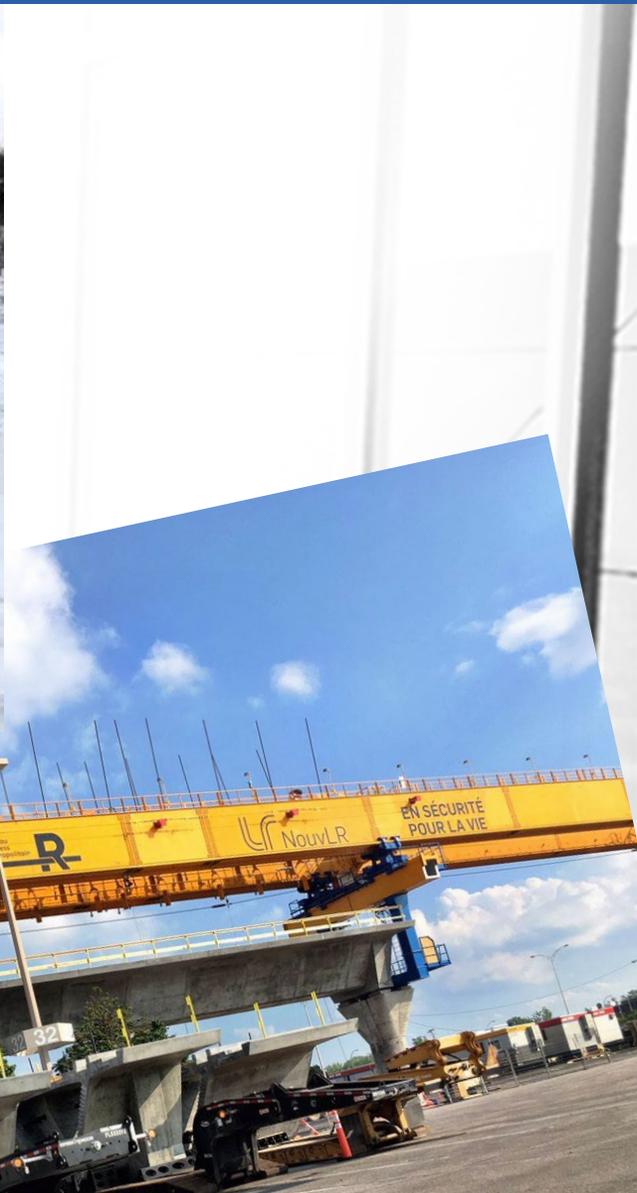




OUR INDUSTRY CHALLENGES



OUR INDUSTRY CHALLENGES





IHSA Ontario BEST PRACTICES

Structural Steel Erection Best Practices

- Concrete Strength
- Double Connections
- Anchor Bolts Connections
- Decking Operations



OSHA SUBPART R

- [1926.755\(a\)\(1\)](#) All columns shall be anchored by a minimum of 4 anchor rods (anchor bolts).



DESIGN ENGINEER'S RESPONSIBILITY

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.

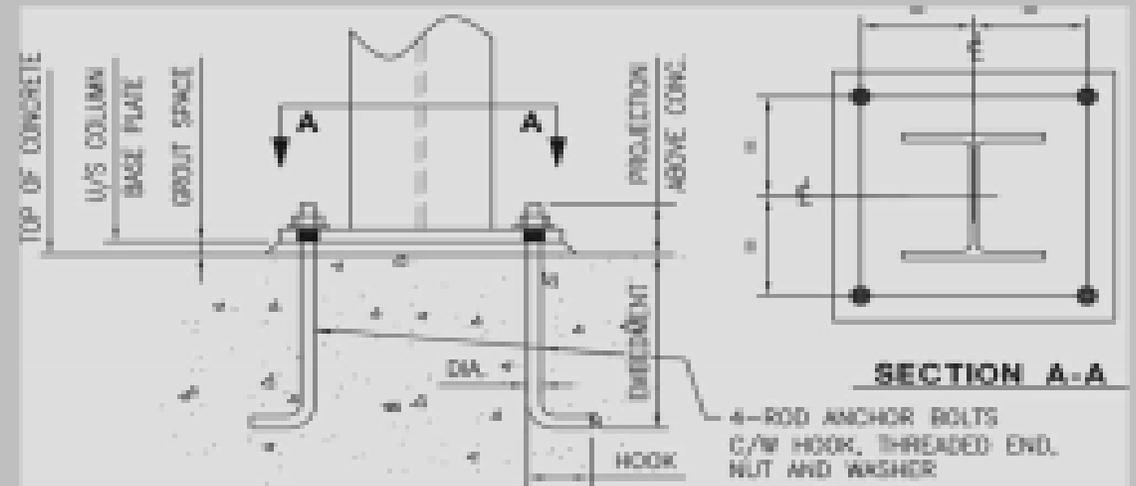


Figure 2 | Sample anchor rod schematic



Voluntary Industrial Hygiene Program/3M Partnership





POLL QUESTION

I am interested in participating in future Ironworker/IMPACT hosted safety webinars and roundtable meetings.

- YES**
- NO**
- NOT SURE**



IW/IMPACT CALL TO SAFETY WEBINAR SERIES

WHAT DOES IT TAKE TO PRE-QUALIFY FOR INDUSTRIAL PROJECTS?

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



WAYNE CREASAP
DISTRICT REPRESENTATIVE



SAFETY AND HEALTH ROUNDTABLE

September 1, 2020



LUNCH AND LEARN PROGRAM

DISTRICT COUNCIL SAFETY HOUR
LUNCH AND LEARN

Date: July 10, 2020

To: All Local Unions, Project Owners, General Contractors, Signatory Contractors, Steel Fabricators, Signatory Contractor Associations and Regulatory Agency Officials

From: David Beard, President, St. Louis & Vicinity District Council and Safety and Health Department

Re: St. Louis & Vicinity District Council Lunch and Learn Safety Hour

In response to the quarterly International Safety Calls, the Safety and Health Department has received many calls pertaining to local safety and regulatory issues throughout the country. In order to better service and address the needs of our members and contractors, the Safety Department is launching a series of "District Council Lunch and Learn Safety Hour" calls throughout the country on a monthly basis. These calls are informal and scheduled for only one-hour during lunch times to allow all parties to share topics, make comments or express concerns on specific issues within the jurisdiction of each District Council.

These calls utilize RingCentral, a virtual meeting media that allows all parties to better communicate. The agenda is simple: "What's on your mind - we want to hear from you!"

St. Louis & Vicinity District Council Lunch and Learn Safety Hour
Date: August 19, 2020
Time: 12:00 Noon C.S.T.

Our goal is to share knowledge, experience and best practices in order to raise the standard for safety and health performance within the St. Louis & Vicinity District Council. We look forward to your participation in this unique "District Council Lunch and Learn Safety Hour"!

Name: _____
Organization: _____
Email: _____
Phone: _____
Questions/Issues to be Discussed: _____

[Click Here to Submit Your Registration](#)

Email to Christie Rose at CRose@iwintr.org. Questions – call the Safety Department at 833-355-SAFE (7233).

COUNTDOWN TO ZERO





Kevin Bryenton



James Buisson



Colin Daniels



Steve Rank

PANEL COMMENTS

THANK YOU!



1-833-355-SAFE (7233)



Safety@iwintl.org