What’s New in the Realm of Safety
Presentation Outline

Learning Outcome
Introduction to NMAPC and TAUC
OSHA Update
Current Safety Trends/Initiatives
Questions/Discussion
Assessment Questions
Learning Outcome

Update attendees on latest OSHA regulatory changes.

Address attendees OSHA-related questions.

Provide necessary information and take home value that will help fabricators and erectors be in compliance with OSHA regulations and leading practices in safety.
NMAPC at a Glance

- The NMAPC is an incorporated, joint labor-management committee that negotiates, interprets and administers the National Maintenance Agreements (NMAs)
- The NMAs are 14 individual collective bargaining agreements that are 99.9% similar
- The NMAs are used by 14 International Unions and more than 2,000 contractors throughout the United States
A Tripartite Approach to Success

Maintain Valuable Industrial Relationships
Interpret and Mold NMA Labor Section
NMA Clients
Owner Advisory Committee
Consistent Work Opportunities

- GM
- AEP American Electric Power
- bp
- NIPSCO
- Ford
- FirstEnergy
- nrg
- ArcelorMittal
- FCA Fiat Chrysler Automobiles
- United States Steel
- Ameren
## 2017 v. 2018
### Top Work Hour States

<table>
<thead>
<tr>
<th>2017 Top 10 Work Hour States</th>
<th>2018 Top 10 Work Hour States*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indiana</td>
<td>Michigan</td>
</tr>
<tr>
<td>10,354,552</td>
<td>10,433,421</td>
</tr>
<tr>
<td>Michigan</td>
<td>Indiana</td>
</tr>
<tr>
<td>8,130,934</td>
<td>9,804,554</td>
</tr>
<tr>
<td>Ohio</td>
<td>Ohio</td>
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<tr>
<td>7,509,125</td>
<td>8,373,424</td>
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<tr>
<td>Pennsylvania</td>
<td>Illinois</td>
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<tr>
<td>4,903,045</td>
<td>4,483,277</td>
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<tr>
<td>Illinois</td>
<td>Pennsylvania</td>
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<tr>
<td>4,344,136</td>
<td>4,097,124</td>
</tr>
<tr>
<td>West Virginia</td>
<td>West Virginia</td>
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<tr>
<td>3,843,486</td>
<td>3,781,389</td>
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<tr>
<td>Kentucky</td>
<td>Iowa</td>
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<tr>
<td>2,428,445</td>
<td>2,963,547</td>
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<tr>
<td>California</td>
<td>Kentucky</td>
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<tr>
<td>1,978,536</td>
<td>2,269,269</td>
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<tr>
<td>Missouri</td>
<td>Wisconsin</td>
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<tr>
<td>1,568,974</td>
<td>2,026,026</td>
</tr>
<tr>
<td>North Dakota</td>
<td>Missouri</td>
</tr>
<tr>
<td>1,210,717</td>
<td>1,989,282</td>
</tr>
</tbody>
</table>
Total NMAPC Work Hours by Craft

- UA: 19.32%
- Boilermakers: 15.22%
- Iron Workers: 12.21%
- Laborers: 11.91%
- Operating Engineers: 6.31%
- Sheet Metal Workers: 2.70%
- Roofers: 0.60%
- IUPAT: 2.10%
- Plasterers: 0.50%
- Teamsters: 1.20%
- Bricklayers: 1.40%
- Carpenters: 13.71%
- IBEW: 9.31%
- Insulators: 3.50%
- Teamsters: 1.20%
- IUPAT: 2.10%
- Plasterers: 0.50%
- Operating Engineers: 6.31%
- Laborers: 11.91%
Zero Injury Safety Awards

Over 27 Million Zero Injury Hours & 133 Tripartite Teams Recognized for Work Performed in 2017

More Than 255 Million Total Zero Injury Hours Recognized Under ZISA Since 2000

www.ZISA.org
The Association of Union Constructors

Thomas J. Reynolds Safety Awards
Environmental Health and Safety Committee
Strategic Alliance w/NACBE
OSHA Liaison
Advisory Committee on Construction Safety and Health (ACCSH)
Drug Free Workplace Alliance
ANSI A10 ASC
Building Trades Safety Committee
NORA Construction Sector Council
IMPACT Safety & Health Roundtable
Assessment Question

Name one industry served by the NMAPC and TAUC.
Assessment Question

Name one industry served by the NMAPC and TAUC.

Automotive
Petroleum and Natural Gas
STEEL!
Utility
OSHA Leadership

Scott Mugno nomination for Assistant Secretary of Labor for OSHA

Current interim Deputy Assistant Secretary is Loren Sweatt

Opening for Director of Directorate of Construction
## Increased OSHA Penalties

<table>
<thead>
<tr>
<th></th>
<th>2018 Penalty Levels</th>
<th>2019 Penalty Levels</th>
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</thead>
<tbody>
<tr>
<td>Serious</td>
<td>$12,934</td>
<td>Serious</td>
</tr>
<tr>
<td>Other than Serious</td>
<td>$12,934</td>
<td>Other than Serious</td>
</tr>
<tr>
<td>Posting Requirements</td>
<td>$12,934</td>
<td>Posting Requirements</td>
</tr>
<tr>
<td>Repeat</td>
<td>$129,336</td>
<td>Repeat</td>
</tr>
<tr>
<td>Willful</td>
<td>$129,336</td>
<td>Willful</td>
</tr>
<tr>
<td>Failure to Abate</td>
<td>$12,934</td>
<td>Failure to Abate</td>
</tr>
<tr>
<td>Per day beyond the abatement date</td>
<td>$12,934</td>
<td>Per day beyond the abatement date</td>
</tr>
</tbody>
</table>
Recordkeeping/Anti-Retaliation

Employers of 250 or More, to protect worker privacy…

OSHA Not Collecting 300 and 301 Logs

300A Log for 2018 had to be submitted by March 2, 2019

October 11, 2018 Memo on Anti-Retaliation

Incentive Programs and Post Incident Drug Testing

Violation if punishes employee for reporting a work-related injury/illness rather than promoting safety/health
OSHA Beryllium Standard

Action Level 0.1 micrograms per cubic meter of air (μg/m³) calculated as an 8-hour time-weighted average (TWA)
Permissible Exposure Limit of 0.2 μg/m³ calculated as an 8-hour TWA
STEL of 2.0 μg/m³ - 15 minutes
OSHA Beryllium Standard

December 11, 2018 Enforcement Memo

May 11, 2018, OSHA began enforcing the PELs in the general industry, construction, and shipyard standards, and the general industry standard’s provisions for exposure assessment, respiratory protection, medical surveillance, and medical removal. On December 12, 2018, OSHA will begin enforcing the general industry standard’s provisions for beryllium work areas and regulated areas, written exposure control plan, personal protective clothing and equipment, hygiene areas and practices, housekeeping, communication of hazards, and recordkeeping. OSHA will begin enforcing the general industry requirements for change rooms and showers on March 11, 2019, and general industry requirements for engineering controls on March 10, 2020. Additionally, as stated above, unless it provides notice otherwise, OSHA will only enforce the PELs in the construction and shipyard standards.
OSHA Silica Standard

Action Level of airborne respirable Crystalline Silica of 25 ug/m³ as calculated over an 8 hour Time Weighted Average (TWA)

Permissible Exposure Limit of airborne concentration of respirable Crystalline Silica in excess of 50 ug/m³ over an 8 hour Time Weighted Average (TWA)

Table 1 for construction

Resources: OSHA, CPWR Silica-Safe
OSHA Crane Standard

Operator Certification/Qualification

1926.1427(f) – employers must, through an evaluation process, ensure operators are qualified to operate the machine to which they are assigned.

Evaluations – Enforcement begins April 15, 2019

SC&RA Mobile Crane Evaluation Form
SC&RA Tower Crane Evaluation Form
OSHA Drone Inspections

In 2018, OSHA began using drone aircraft for worksite inspections
OSHA must obtain companies’ consent to search worksites through drones
OSHA may use drones to expand scope of investigations

ASSP Article on OSHA Drone Inspection Policy
OSHA Enforcement and Outreach

Trenching/Excavation Initiative and NEP

**Falls Campaign** (May 6 – 10, 2019)

- Plan
- Provide
- Train

**Safe + Sound Week** (August 12 – 18, 2019)
Assessment Question

Did OSHA penalties increase or decrease for 2019?
Assessment Question

Did OSHA penalties increase or decrease for 2019?

A: Increase
Current Safety Trends/Initiatives

Leading Edge/Sharp Edge Fall Protection
Opioids in the Construction Workforce
Construction Industry Alliance for Suicide Prevention
Educational Gaming
  Harness Hero
  Construction Hand Signals
  Lift Coach: Plan Your Lift/Route
Excavators, Cranes & more
Assessment Question

True/False: A current trend in the construction industry is the use of fall protection in leading edge/sharp edge situations.
Assessment Question

True/False: A current trend in the construction industry is the use of fall protection in leading edge/sharp edge situations.

A. True
Questions/Discussion
Thank you!

Wayne J. Creasap II
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