OSHA ET&D Strategic Partnership

Success of the Partnership

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Creating a Safer Industry

OSHA AND THE ELECTRICAL TRANSMISSION AND DISTRIBUTION CONSTRUCTION CONTRACTORS, THE IBEW AND TRADE ASSOCIATIONS

A Strategic Partnership
ET&D Partnership

• Currently, the only National Alliance Partnership OSHA has in place
• Through collaboration in safety and training; contractors, utilities and partnering organizations such as the National Electrical Contractors Association, the International Brotherhood of Electrical Workers and Edison Electric Institute came together with OSHA to help reduce fatalities and incidents through the development of Best Practices for the industry
ET&D Partnership

The ET&D Partnership recently released a whitepaper for OSHA and the OSHA Strategic Partnership Programs highlighting the success of the only national alliance partnership OSHA has in place.

www.osha.gov/dcsp/partnership/index.html
Original Signing
August 20, 2004
ET&D Partnership Today

• Full Members
  • Henkels & McCoy
  • MDU Construction Services Group, Inc.
  • MYR Group
  • Pike Electric
  • Quanta Services

• Asplundh/Utilicon
  • MasTec
  • PLH Group
  • Michels Power
  • Davis H. Elliot
ET&D Partnership Today

• Associate Members
  • INTREN
  • Aldridge Electric
  • Goldfield Corporation

• Association Members
  • Edison Electric Institute (EEI)
  • International Brotherhood of Electrical Workers (IBEW)
  • National Electrical Contractors Association (NECA)
  • Occupational Safety and Health Administration (OSHA)
Partnership Background

- Industry contacted OSHA Fall 2003
- Discussions brought these organizations together for the first time
- Partnership signed August 20th, 2004
- Impacts approximately 70% of the industry
General Partnership Goals

- Analyze accident and incident data and statistics
  - Identify common cause factors related to:
    - Fatalities
    - Injuries and illnesses

- Identify training criteria for workers
  - Includes training to promote industry cultural change placing value on safety and health
  - Supervisors, Linemen, Apprentices

- Develop recommended *Best Practices* and associated implementation strategy

- Develop effective best in class communication strategies to promote lessons learned across the industry
Data Analyzed

• Task Team One immediately formed to capture and analyze data from OSHA 170 reports and data that was shared from each partner member.

• This provided the initial information and guidance for the partnership to begin working.

• Today Task Team one remains active in analyzing data on an annual basis providing guidance for the work of Task Team 2 & 3.
The chart below reflects the contractor partners’ average TCIR and DART rates from 2005 to 2015 in comparison to the Bureau of Labor Statistics (BLS) rates for the electrical transmission and distribution industry (NAICS 237130) (SIC 1623):

<table>
<thead>
<tr>
<th>YEAR</th>
<th>HOURS</th>
<th>TOTAL CASES</th>
<th>TCIR</th>
<th># of DAYS AWAY FROM WORK RESTRICTED &amp; TRANSFERRED ACTIVITY CASES</th>
<th>DART</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>52,395,866</td>
<td>1,357</td>
<td>5.18</td>
<td>840</td>
<td>3.21</td>
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<tr>
<td>2006</td>
<td>55,907,278</td>
<td>1,419</td>
<td>5.08</td>
<td>812</td>
<td>2.90</td>
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<tr>
<td>2007</td>
<td>57,026,819</td>
<td>1,236</td>
<td>4.33</td>
<td>626</td>
<td>2.20</td>
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<tr>
<td>2008</td>
<td>56,474,272</td>
<td>1,142</td>
<td>4.04</td>
<td>511</td>
<td>1.81</td>
</tr>
<tr>
<td>2009</td>
<td>44,504,692</td>
<td>658</td>
<td>2.96</td>
<td>313</td>
<td>1.41</td>
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<tr>
<td>2010</td>
<td>42,634,700</td>
<td>676</td>
<td>3.17</td>
<td>310</td>
<td>1.45</td>
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<tr>
<td>2011</td>
<td>52,146,134</td>
<td>673</td>
<td>2.58</td>
<td>364</td>
<td>1.40</td>
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<tr>
<td>2012</td>
<td>64,344,895</td>
<td>832</td>
<td>2.59</td>
<td>445</td>
<td>1.38</td>
</tr>
<tr>
<td>2013</td>
<td>69,561,958</td>
<td>763</td>
<td>2.19</td>
<td>401</td>
<td>1.15</td>
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<tr>
<td>2014</td>
<td>64,492,853</td>
<td>753</td>
<td>2.34</td>
<td>429</td>
<td>1.33</td>
</tr>
<tr>
<td>2015</td>
<td>69,395,665</td>
<td>657</td>
<td>1.89</td>
<td>344</td>
<td>0.99</td>
</tr>
<tr>
<td></td>
<td><strong>OSP’s FIVE YEAR RATE (2009-2015)</strong></td>
<td><strong>2.70</strong></td>
<td></td>
<td><strong>1.36</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>BLS AVERAGE for YEAR: 2015</strong></td>
<td><strong>NAICS: 2371XX</strong></td>
<td><strong>2.9</strong></td>
<td><strong>1.7</strong></td>
<td></td>
</tr>
</tbody>
</table>
Training Development

• Task Team Two was formed to develop standardized training that can be used by the industry to help deliver a constant message

• Development of an Industry Specific OSHA 10hr program commonly referred to as the OSHA ET&D 10hr Program

• Development of an Industry Leadership course designed to provide Safety Leadership training to frontline supervisors commonly referred to as the OSHA 20hr program

• Currently developing quarterly continuing education materials
Best Practices Developed

• Task Team Three was formed to develop common work practices that could be performed by each member company to provide consistency to a mobile transient workforce
• These Best Practices were much debated during development and have been adopted by each of the partners
• The Partnership has now developed and implemented 14 Best Practices
Communication

• Task Team Four was developed to help communicate the activities of the Partnership both internally and externally
• Responsible for development of Industry wide Stand-down materials
• Has the responsibility for development of the website
• Most recently, TT4 has developed an App for the Partnership
  • With the ability to have push notifications
Success of the Partnership

• 1596 OSHA Recordable incidents in 2003
• 657 OSHA Recordable incidents in 2015
  • Over a 60% decrease in ORIR
• DART Rate has decreased 4.31 to 0.99 since 2001
  • Over a 77% decrease in DART
Success of the Partnership

We have seen a 53% reduction of fatalities since 2003!
Success of the Partnership

Total Man-hours increased 55% from 2003 to 2015
44,615,794 to 69,395,665
Bottom Line

More electric transmission and distribution workers are returning home safely everyday!
Success of the Partnership

• Over 1000 trainers have attended Partnership Sponsored 10 & 20 hour train-the-trainer classes
  • 500+ for the 10-Hour
  • 450+ for the Leadership class (20-Hour)

• Over 30,000+ students have attended the OSHA 10-Hour class

• Over 10,000 + supervisors have attended OSHA 20-Hr. class
Executive Committee – 2015 Guidelines

• Committee is comprised of the CEOs of member companies or designees & designee of associations
• Chairman is nominated, votes and serves a two year term
• Next Chairman serves as Vice Chair
• Voting
  • Consensus vote required
  • Notification of a vote must be given prior to meeting unless 100% of members are present
• Meetings held at least twice a year
Steering Committee – 2015 Guidelines

• Steering Committee is comprised of the Senior Safety Leader at each member company or organization

• Chairman is nominated and voted on by steering committee but must be confirmed by Executive Committee. Chairman serves two year terms

• Voting
  • Consensus vote required
  • Notification of a vote must be given prior to meeting unless 100% of members are present

• Meetings held quarterly
Task Teams – 2015 Guidelines

• Chairperson is elected by the Task Team and serves a term of two years. May serve consecutive terms if re-elected
• Membership is no more than two employees from each partner
• Voting: A supermajority is needed to pass. One vote per Partner company
• Meeting as required to conduct partnership business
Task Team One – Action Items

• Trending fatalities for the past 5 years

• Annual report, trending of Partner’s data

• Looking to include Significant Incident/Fatality Data
Task Team Two – Action Items

• Quarterly Continuing Education Trainings for the OSHA ET&D 10hr
  
  NOTE: these replaced the 5 year refresher that was previously a requirement

• E – Learning proposal for Partnership
Task Team Three – Action Items

• Updating Current Best Practices to ensure compliance with new OSHA Standard
• Moving forward actions will be based on results of focus groups and survey results
Task Team Four – Action Items

• Rollout of new App

• Expansion of the Website