

MnSCU/OSHA Alliance



Safety & Loss Control Conference
September 2015
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Minnesota State Colleges and Universities

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MnSCU/OSHA Alliance: Agenda

- Values
- Goals
- Curriculum and Resources
- Outreach Goals
- Important Value
- Outcomes
- Consultation Visits at campuses
- Findings at Campus visits
- Other Issues at Campuses



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MnSCU/OSHA Alliance Values

- Recognize the value of establishing a collaborative relationship to foster safer and more healthful Minnesota workplaces
- Mutual desire to work together to provide MnSCU employees with information, guidance, and access to resources that will help them protect their health and safety
- Mutual desire to collaborate on resources which may be used to support occupational safety and health education in existing course curriculums to continue to educate and engage students in principals and methods of safety and health design
- Recognize that collaboration is an integral part of both parties and the MNOSHA effort to reduce workplace injuries and illnesses



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MnSCU/OSHA Alliance Goals

- Review injury/illness history of facilities participating in this alliance
- Schedule on-site consultations visits. Invite other facility representatives to participate in the consultation visits to learn firsthand potential safety and health issues and possible solutions to identified hazards.
The consultation visits will provide facility hazard awareness with a focus on:
 - *Compliance with MN OSHA standards.*
 - *Establishing attributes of an effective safety & health management system.*



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MnSCU/OSHA Alliance Goals (Cont'd)

- Assess the current effectiveness of facility safety & health management and identify key management attributes that will be necessary to better manage facility safety and occupational injury/illness risk.
 - *Use Consultation's "Safety and Health Management Worksheet" to evaluate and provide recommendations for improving the facility safety management system.*
- Develop an action plan to implement key safety management attributes necessary to manage injury/illness risk pertinent to a facility.



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MnSCU/OSHA Alliance Goals (Cont'd)

- Develop training and education programs on workplace safety and health issues that relate to the facility to educate all levels of employees on methods that will create a more safe and healthful workplace for facility employees.
- Deliver and/or arrange for the delivery of training and education courses. Options could include in-person training, webinars, and other methods of training.
- Monitor on-going effectiveness of safety action items that were implemented.



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MnSCU/OSHA Alliance Curriculum & Resources

- Identify courses that would be appropriate for introducing occupational safety and health principals and design methods to promote student understanding of occupational safety and health.
- Collaborate with OSHA Consultation, in consultation with faculty, to determine how safety and health principals and design can be a resource and support to existing course curriculum.
- Collaborate with OSHA Consultation and faculty to assess and improve the effectiveness of any changes through course review and student feedback.



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MnSCU/OSHA Alliance Outreach Goals

- Develop and disseminate information through print and electronic media, including electronic assistance tools and links from OSHA Consultation's and MnSCU's web-sites.
- Speak, exhibit, and/or appear at OSHA Consultation or MnSCU conferences, training sessions, or other events.
- Promote and encourage facilities participating in the alliance and who show effectiveness and on-going commitment towards improving workplace safety management to participate in OSHA Consultation's cooperative programs such as
 - *On-site consultations,*
 - *Voluntary Protection Program (MNSTAR), and*
 - *Safety and Health Achievement Recognition Program (SHARP).*



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MnSCU/OSHA Alliance Outreach Goals

- Share information on recommended practices with others in the profession and publicize the results through outreach by MnSCU and OSHA Consultation.
- Encourage MnSCU facilities to build relationships with OSHA Consultation to address health and safety issues.
- Develop and disseminate case studies illustrating the “business” value of safety and health and publicize their results.
- Convene or participate in forums, round table discussions, or stakeholder meetings on safety and health issues to help forge innovative solutions in the workplace or to provide input on safety and health issues.



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MnSCU/OSHA Alliance Important Value

- This Agreement is not intended to and will not be implemented in a manner that is inconsistent with existing faculty rights to control classroom curriculum or faculty academic freedom.



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Outcomes: MnSCU/OSHA Alliance

- OSHA General Industry 10 and 30 Courses Pilot
 - *Designed for System Safety Administrators and Facilities Directors*
 - *Utilizing system qualified instructors along with OSHA Consultation staff*
 - *Specific to compliance with the multiple General Industry standards that apply to campus programs and our facilities*
- Big picture would be to develop a full training program covering all applicable OSHA standards
- A career development pathway for our safety administrators.



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Consultation Visits at MnSCU Campuses (First Quarter 2015)

- First Quarter of Calendar 2015 findings:
 - *6 visits completed*
 - *114 serious issues found*
 - *24 of the issues were found on multiple campuses*
 - *Potential fine dollars saved \$171,000-\$798,000*
 - *All items have been corrected*



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Consultation Visits at MnSCU Campuses (Second Quarter 2015)

- Second Quarter of Calendar 2015 findings:
 - 7 visits completed
 - 132 serious issues found
 - 26 issues were found on multiple campuses
 - Possible fine dollars saved \$198,000-\$924,000
 - Some of the Faculty issues had to be completed the fall when the new semester started



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Consultation Visits at MnSCU Campuses

- Third Quarter of Calendar 2015:
 - 5 visits already scheduled
- Fourth Quarter of Calendar 2015:
 - 3 visits already scheduled
- First half year summary:
 - 246 serious issues found
 - Potential fine dollars saved \$369,000-\$1,722,000
- If you would like to schedule a Consultation Visit please contact Don Beckering, System Director Public Safety & Compliance



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Findings from Consultation Visits at MnSCU Campuses

- There were the same 15 serious issues found on multiple campuses during both quarters visits
- This indicates the areas where all campuses need to put special effort in order to eliminate these issues
- These issues are:
 - *In every building or other structure, or part thereof, used for mercantile, business, industrial, or storage purposes, the loads approved by the building official were not marked on plates of approved design which shall be supplied and securely affixed by owner. 1910.22(d)(1)** (The load rating for mezzanines was not posted nor was the storage stacked safely)*



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Findings (Cont'd)

- *Open sided floor(s) or platform(s) 4 feet or more above the adjacent floor or ground level were not guarded by standard railings. 1910.23(c)(1)** (The area around the fixed ladder way was not protected by a standard guardrail. The rail provided did not have a mid-rail or was not 42 inches high)*
- *The exit route or path of exit travel from any point within a workplace to a place of safety (including refuge areas) was not continuously maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency. 1910.37(a)(3)** (Exit was blocked)*



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Findings (Cont'd)

- A hazard assessment was not made of the workplace, with a written certification, to determine if hazards are present, or are likely to be present, which necessitate the use of personal protective equipment. 1910.132 (d)** (No assessment done in the labs to determine actual hazards and the needed PPE)
- Where employees were exposed to injurious materials, suitable facilities for quick drenching or flushing of the eyes were not provided within the work area for immediate use. 1910.151(c)** (Eyewashes were either loose or needed to be adjusted and because of this were not functional, also found eye washes that had not been inspected)



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Findings (cont'd)

- Machine(s) designed for fixed location(s) were not securely anchored to prevent walking or moving. 1910.212(b)** (A drill press was not anchored)
- The distance between the abrasive wheel and the adjustable tongue guard at the top exceeded one fourth inch and the tool rest exceeded one eighth inch. 1910.215 (b)(9)** (Bench grinder out of adjustment)
- Rated load of portable jacks were not legibly and permanently marked in a prominent location on the jack by casting stamping or other suitable means. 1910.244 (a)(1)(ii)** (The rated capacity was not marked on a floor jack)



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Findings (Cont'd)

- Portable jacks were not inspected. 1910.244(a)(2)(vi)** (Floor jacks were not inspected every 6 months)
- Electrical equipment was not free from recognized hazards that were likely to cause death or serious harm to employees. 1910.303 (b)(1)** (Electrical fixtures were damaged and wires were exposed)
- Sufficient access and working space was not provided and maintained around all electrical equipment to permit ready and safe operation and maintenance of the equipment. 1910.303 (g)(1)** (Electrical panels and breakers were blocked)



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Findings (Cont'd)

- Exposed non-current carrying metal part of a cord and plug connected equipment which may become energized were not grounded. 1910.304 (g)(6)(vi)** (Grounding pin was missing)
- Flexible cords and cables were used as a substitute for fixed wiring of a structure. 1910.305(g)(1)(iv)(A)** (a duplex receptacle was converted to a six outlet system with the use of an adaptor)
- Flexible cords were not connected to devices and fittings so that tension would not be transmitted to joints or terminal screws. 1910.305 (g)(2)(iii)** (The flexible cord was damaged and not provided with strain relief, also plugs had pulled loose for a cord)



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Findings

- *Receptacles installed in wet or damp locations were not suitable for the location. 1910.305 (j)(2)(iv)** (No GFCI protection of electrical outlets)*



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Other Issues at Campuses

- There has been a recognition that in order for this Alliance to accomplish its set goals, all campuses need the support of all employees, especially faculty.
- There has been pushback from faculty on certain campuses to do/enforce/change identified serious issues found in their programs.
- Currently there is a committee From Public Safety & Compliance, General Counsel and Labor Relations looking at ways to gain faculty and in some cases staff support to clean up identified serious issues and ensuring that they don't come back.
- This will impact on the safety administrators authority to act



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■ Questions?



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