





Bureau of Workers' Compensation

SEPTEMBER SAFETY COUNCIL UPDATE

Safety Council Name

MONA WEISS, BS, CHST

Ergonomist

bwc.ohio.gov

Toledo Regional Service Office 567.204.3568





MONTHLY LEARNING SEPTEMBER 2024



- September 18-19 OSHA 10: Industry basics Columbus
- September 25 Controlling workers' compensation costs Springdale
- September 26 Safety for the non-safety professional- Mansfield

IN-PERSON CLASSES and VIRTUAL TRAINING CLASSES (VTC) qualify for Safety Council rebate external training credits.



MONTHLY LEARNING OCTOBER 2024

- October 1-2- OSHA 10: Construction safety basics Columbus
- October 3- Emergency preparedness planning Springdale
- October 7-10 Electrical hazard recognition and abatement Springdale
- October 9 First aid in the workplace Youngstown
- October 10 Lockout/tagout advanced principles North Canton
- October 15-16 Respirator Fit Testing Columbus
- October 15 First Aid in the Workplace Portsmouth



MONTHLY LEARNING OCTOBER 2024 ~ CONTINUED

- October 17 Confined space: Identification and safe practice basics half-day workshop - North Canton
- October 28 November 1 OSHA 30: Construction safety principles Columbus
- October 29 30 OSHA10: Industry safety basics North Canton
- October 29 Powered industrial trucks: Developing a training program half-day workshop - Cambridge
- October 30 Noise and hearing conservation half-day workshop Mansfield
- October 31 First aid in the workplace Perrysburg



VIRTUAL TRAINING SEPTEMBER/OCTOBER 2024

- September 24 Confined space: Identification and safe practices workshop
- October 2 Crisis de-escalation tactics and safe work practices workshop
- October 8-9 Health hazards and toxicology
- October 10 Safety series workshop module 1: Introduction to OSHA requirements and safety culture basics
- October 16-17 Electrical safety in the workplace through insight and implementation of NFPA 70E
- October 28-29 Ergonomics and safety for extended-care facilities
- October 30 Bloodborne Pathogens

hig IN-PERSON CLASSES and VIRTUAL TRAINING CLASSES (VTC) qualify for Safety Council rebate external training credits.

WEBINARS SEPTEMBER/OCTOBER 2024

- September 18 Pitfalls of sedentary work
- October 2 What is risk management?
- October 7 Are you a confined spaces expert? Details you need to know



EMPLOYER DEADLINE DATES

Private employer deadlines

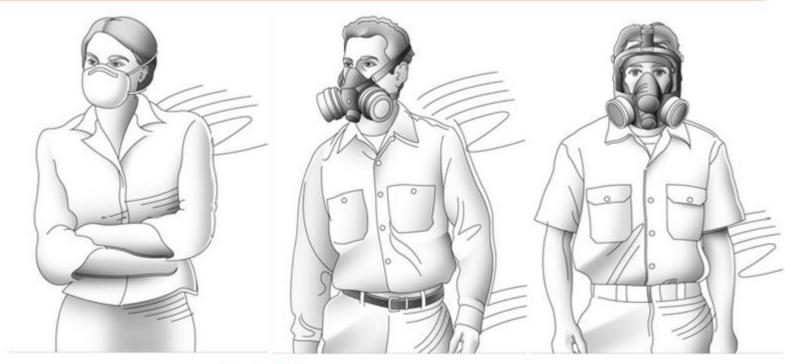
September 3 – Self-insured assessment payment due – second half

Public employer deadlines

September 3 – Self-insured assessment payment due – second half September 30 – Claim Impact Reduction Program (formerly known as One Claim Program) training requirement deadline September 30 – Drug-Free Safety Program (DFSP) annual report due September 30 – EM Cap safety training requirement deadline

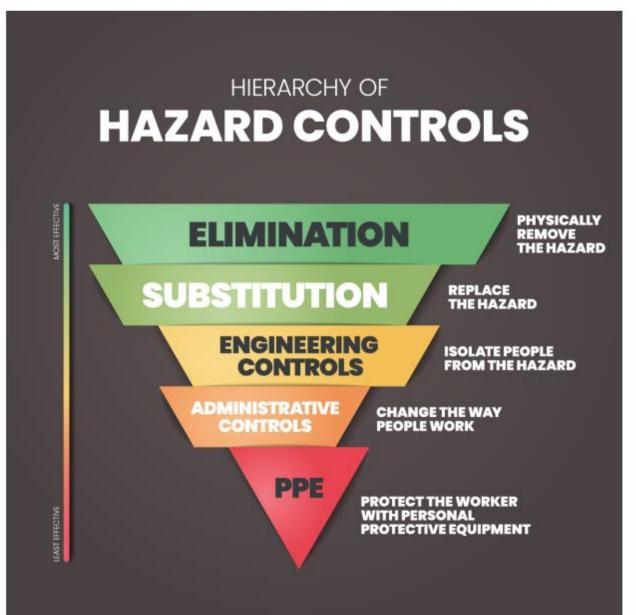


RESPIRATORY PROTECTION





CONTROLLING RESPIRATORY HAZARDS





INSTITUTING A RESPIRATORY PROTECTION PROGRAM

- 1) Measure employee exposure to hazards*
- 2) Compare the exposure measurements to health standards*
- 3) Determine if respiratory protection is needed and what level is appropriate for your workplace*
- 4) Establish a written respiratory protection program*
 - 1) Have affected workers medically cleared to wear the respirator
 - 2) Have affected workers fit tested in the respirator
 - 3) Conduct training on respiratory hazards and their assigned respirator*

*BWC Safety Services has tools available to help with these steps, either through in-person consultations or online resources



SAFETY RESOURCES

- To request a consultation from our safety services staff, please use the QR code to the right.
- For a copy of our respiratory protection template, please visit: <u>Written safety</u> <u>program templates (ohio.gov)</u>







Bureau of Workers' Compensation

BWC.Ohio.gov

Steering Committee Member

We're looking to expand our council to include new members who share our commitment to safety. Increasing our membership allows us to bring diverse perspectives and ideas to the table. Contact Black Swamp Safety Council at bssc@northweststate.edu or see a steering committee member for more information or to nominate potential candidates. Together, let's build a stronger safety council that reflects the commitment and dedication of our organization.



UPCOMING TOPICS/SPEAKERS

✓ October 15, 2024- Rich Barcum

✓ November 19, 2024- Marijuana in the Workplace

✓ December 17,2024-The Art of Storytelling

✓ January 21, 2025- Mental Bias in Growing Safety Culture

Dates are also located on the Black Swamp Safety Council Website



September 17,2024

BLACK SWAMP SAFETY COUNCIL

Top 5 OSHA Violations & Prevention

Presented by Andy Lumbrezer Grainger



Northwest State Community College Voinovich Auditorium E117 Lunch at 11:30 am

Andy Lumbrezer

Education - Background

- BS from Miami University (Information Technology)
- Richfield Township FF/EMT (20 years)
- Richfield Township Trustee (3 years)
- Grainger Sales Rep (1 Year)
- 18 years of various management roles
 - Sherwin Williams
 - Suburban Propane
 - Matheson Gas



OSHA Top Five General Industry Citation FY 2023



OSHA[®]

OSHA Top Five General Industry FY 2023

 Average cost of each series violation is about \$5,000 per citation. Can multiply by person or incident/equipment.



OSHA Top 5 Violations for General Industry



MACHINE GUARDING

Standard: 1910.212

Total violations: 1,644 Fiscal year 2022 ranking: 10 (1,488 violations)

This standard covers guarding of machinery to protect operators and other employees from hazards, including those created by point of operation, ingoing nip points, rotating parts, flying chips and sparks.

TOP 5 SECTIONS CITED:

- 1. 1910.212(a)(1): Types of guarding. One or more methods of machine guarding shall be provided to protect the operator and other employees in the machine area from hazards such as those created by point of operation, ingoing nip points, rotating parts, flying chips and sparks. 1,089 violations
- 2. 1910.212(a)(3): Point of operation guarding. 402
- 3. 1910.212(a)(2): General requirements for machine guards. Guards shall be affixed to the machine where possible and secured elsewhere if for any reason attachment to the machine is not possible. The guard shall be such that it does not offer an accident hazard in itself. - 60
- 4. 1910.212(b): Anchoring fixed machinery. Machines designed for a fixed location shall be securely anchored to prevent walking or moving. - 57
- 5. 1910.212(a)(4): Barrels, containers and drums. Revolving drums, barrels and containers shall be guarded by an enclosure that is interlocked with the drive mechanism, so that the barrel, drum or container cannot revolve unless the guard enclosure is in place. 13

Questions & Solutions

Machine Guarding Evaluation

- Have all equipment been evaluated to determine proper machine guarding and safeguards are in placed to protect the operator or other employees in the machine area from hazards created at the point of operation such as pinch points, rotating parts, flying chips, sparks ingoing nip points?
 - Solutions: Risk analysis of machine to determine risk level and controls needed. Consult your safety supplier to engage service to assist with machine guarding risk analysis

Anchoring of fixed equipment

- Is all equipment designed for fixed location securely anchored to floor to prevent movement during operation?
 - Solutions: Ensure equipment is secured to floor or surface.



OSHA Top 5 Violations for General Industry

Questions & Solutions



RESPIRATORY PROTECTION

Standard: 1910.134 Total violations: 2,481 Fiscal year 2022 ranking: 4 (2,430 violations)

This standard directs employers on establishing or maintaining a respiratory protection program. It lists requirements for program administration; worksite-specific procedures, respirator selection; employee training; fit testing; medical evaluation; respirator use, and respirator cleaning, maintenance and repair.

#4

TOP 5 SECTIONS CITED:

1. 1910.134(e)(1): The employer shall provide a medical evaluation	
respirator, before the employee is fit-tested or required to use the	he respirator in the workplace. The employer may
discontinue an employee's medical evaluations when the employ	vee is no longer required to use a respirator 505
violations	
2. 1910.134(f)(2): The employer shall ensure an employee using a t	ight-fitting facepiece respirator is fit-tested prior
to initial use of the respirator, whenever a different respirator fa	cepiece (size, style, model or make) is used and at
least annually thereafter 359	
3. 1910.134(c)(1): In any workplace where respirators are necessa	ry to protect the health of the employee or
 1910.134(c)(1): In any workplace where respirators are necessa whenever respirators are required by the employer, the employer 	
	er shall establish and implement a written
whenever respirators are required by the employer, the employe	er shall establish and implement a written es. The program shall be updated as necessary to
whenever respirators are required by the employer, the employer respiratory protection program with worksite-specific procedur	er shall establish and implement a written es. The program shall be updated as necessary to

Medical Evaluation

- Are all employees who are required to wear a respirator been medically evaluated to ensure they are fit enough to wear them?
 - Solutions: <u>Appendix C</u> of OSHA Standard if answer yes must be medically evaluated

Fit Testing

- Are all employees who are required to wear a respirator been properly fitted to the facepiece of respirator(s) in use?
 - Solutions: <u>Fit test kits</u> or consult your safety supplier to engage service to assist with fit testing

Comprehensive Written Program

- Do you have a comprehensive written respiratory program established at this facility?
 - Consult your safety supplier to engage service to assist

Voluntary[™] Jse of Respirators

- Do you have any employees who voluntarily use respirators at this facility?
 - Solutions: <u>Appendix D</u> of OSHA Standard ensure they meet all OSHA conditions to satisfy voluntary use condition

Facial Hair

- Do you have any employees who wear respirators with visible facial facial hair?
 - Solutions: Must use loose fitting hood <u>PAPR system or supplied</u>
 <u>air system.</u>
 GRAINGER

OSHA Top 5 Violations for General Industry Questions & Solutions

Energy Control Procedures

performed by contractors?

programs and procedures?

Solutions:

within last year?

Solutiona

•

Training

Are written procedures developed, documented, and utilized for all

Have all affected employees been adequately trained on LOTO

Has periodic inspection of your LOTO procedures been performed

writing LOTO procedures

equipment at this facility that require procedures to isolate and control the energy before maintenance is performed, including maintenance

Consult your safety supplier to engage service to assist



Standard: 1910.147

Total violations: 2,554

Fiscal year 2022 ranking: 6 (2,175 violations)

#3

This standard outlines minimum performance requirements for the control of hazardous energy during servicing and maintenance of machines and equipment.

TOP 5 SECTIONS CITED:

1. 1910.147(c)(4): Energy control procedure 730 violations 2. 1910.147(c)(7): Training and communication 491 3. 1910.147(c)(6): Periodic inspection 362	 Solutions: Consult your safety supplier to engage service to assist wt LOTO training
4. 1910.147(c)(1): The employer shall establish a program consisting of energy control procedures, employee training and periodic inspections to ensure before any employee performs any servicing or maintenance on a machine or equipment where the unexpected energizing, startup or release of stored energy could occur and cause injury, the machine or equipment shall be isolated from the energy source and rendered inoperative 265	 Comprehensive Program Do you have a comprehensive written LOTO program established at this facility?
 5. 1910.147(d): Application of control. The established procedures for the application of energy control (the lockout or tagout procedures) shall cover the following elements and actions and shall be done in the following sequence: 231 	 Solutions: Consult your safety supplier to engage service to assist with LOTO training

Low Sensitivity

OSHA Top 5 Violations for General Industry



POWERED INDUSTRIAL TRUCKS

Standard: 1910.178 Total violations: 2,561 Fiscal year 2022 ranking: 7 (1,922 violations)

This standard covers the design, maintenance and operation of powered industrial trucks, including forklifts and motorized hand trucks. It also covers operator training requirements.

TOP 5 SECTIONS CITED:

- 1. 1910.178(l)(1): Safe operation. 606 violations
- 2. 1910.178(l)(4): Refresher training and evaluation. 336
- 3. 1910.178(I)(6): The employer shall certify that each operator has been trained and evaluated as required by this paragraph (I). The certification shall include the name of the operator, the date of the training, the date of the evaluation and the identity of the person(s) performing the training or evaluation. 309
- 4. 1910.178(q)(7): Industrial trucks shall be examined before being placed in service, and shall not be placed in service if the examination shows any condition adversely affecting the safety of the vehicle. Such examination shall be made at least daily. Where industrial trucks are used on a round-the-clock basis, they shall be examined after each shift. Defects when found shall be immediately reported and corrected. 178
- 5. 1910.178(p)(1): If at any time a powered industrial truck is found to be in need of repair, defective or in any way unsafe, the truck shall be taken out of service until it has been restored to safe operating condition. 173

Grainger Solutions

Training

- How do you currently train your forklift operators?
- Can you produce documentation of training?
- How do you manage training new and refresher?
- How do you ensure only trained authorized operators can operate equipment?
 - Solutions: Consult your safety supplier to engage service to assist with identifying best forklift training option

Daily Inspections

- Do you perform daily inspections on all PITs?
- How do you manage and document daily inspections?
 - Solutions: Consult your safety supplier to engage service to assist with forklift checklists or management software



OSHA Top 5 Violations for General Industry



HAZARD COMMUNICATION

Standard: 1910.1200 Total violations: 3,213 Fiscal Year 2022 ranking: 2 (2,682 violations)

This standard addresses chemical hazards – both for chemicals produced in the workplace and those imported into the workplace. It also governs the communication of those hazards to workers.

TOP 5 SECTIONS CITED:

- 1. 1910.1200(e)(1): Employers shall develop, implement and maintain at each workplace a written hazard communication program that at least describes how the criteria specified in paragraphs (f), (g) and (h) of this section for labels and other forms of warning, Safety Data Sheets, and employee information and training will be met. - 1,136 violations
- 2. 1910.1200(h)(1): Employers shall provide employees with effective information and training on hazardous chemicals in their work area at the time of their initial assignment, and whenever a new chemical hazard the employees have not previously been trained about is introduced into their work area. Information and training may be designed to cover categories of hazards (e.g., flammability, carcinogenicity) or specific chemicals. Chemical-specific information must always be available through labels and Safety Data Sheets. 843
- 3. 1910.1200(g)(8): The employer shall maintain in the workplace copies of the required Safety Data Sheets for each hazardous chemical, and shall ensure they are readily accessible during each work shift to employees when they are in their work area(s). - 363
- 4. 1910.1200(f)(6): Workplace labeling. Except as provided in paragraphs (f)(7) and (f)(8) of this section, the employer shall ensure each container of hazardous chemicals in the workplace is labeled, tagged or marked. - 315
- 1910.1200(g)(1): Chemical manufacturers and importers shall obtain or develop a Safety Data Sheet for each hazardous chemical they produce or import. Employers shall have a Safety Data Sheet in the workplace for each hazardous chemical which they use. - 252

Grainger Solutions

Comprehensive Program

- Do you have a comprehensive written Haz-Com program established at this facility?
 - Solutions: Consult your safety supplier to engage service to assist with program development

Training

- Have all affected employees been adequately trained on hazards in workplace and how to understand a Safety Data Sheet?
 - Solutions: Consult your safety supplier for training options such as a learning management system (LMS)

Safety Data Sheets

- Do you maintain a current Safety Data Sheet for each hazardous chemical that is accessible to all affected employees?
 - Solutions: Consult your safety supplier to engage electronic managed system of maintaining SDSs

Labels

- Do you have problem of unlabeled containers? Do you dispense into smaller containers?
 - Solutions:
 - Brady Label Printers
 - LMS



Low Sensitivity

Grainger's network of environmental, health and safety service providers is committed to providing you with quality, cost-effective on-site and online services.

Consisting of a highly trained network of Certified Industrial Hygienists (CIH), Certified Hazardous Material Managers (CHMM), Certified Indoor Environmental Consultants (CIEC), Certified Professional Environmental Auditors (CPEA), Certified Professional Ergonomists (CPE) and Certified Safety Professionals (CSP), as well as other safety and health professionals, Grainger possesses the expertise and resources to provide training, on-site testing and auditing, and web-based tools designed to aid in your occupational environmental safety and health programs on a national scale.

AIRDORNE CONTAMINANTS & NOISE

THE & Aug Audiometric Testing/Re-Testing Employee Exposure Monitoring Environmental Compliance Assessments / Audits Hearing - Ear Fit Test Hearing Lass Determinations (Work Ratafad) -Auditional measured Induce Air Quality Assessment Industrial Mediene Assessments Noise Surveys (Saund Survey) Online Respirator Medical Clearance Testing Patrenary Function Testing Respirator Fit Testing Respirator Fit Testing (Medical Health Duesbornaire) -Physician reviewed Silica Dati Exposure Compliance Wantitation System Texting Equipment Specific Procedure Development (Deventional Health Hayarts) Astrontes Awareness Training Hearing Protection Tearring Respirator Training AND PLASH/ELECTRICAL SAFETY Arc Flash Androis Electrical Safety Assessments 1131313183 Equipment Specific Procedure Development Electrical Salety) 1010.289 Electrical Safety for Power Generation, Transmission & Distribution 2015 MPA 70E/Act Fleah Electrical Safety 2017 National Electrical Code 2018 MPA 70E/Arc Flash Electrical Safeh

Arc Flash (NFPA, 70E) Training

"Services are only available through Grainger third-party provider.

ARC PLASH, ELECTRICAL SAFETY Continued

Electrical Safety Training Electrical Salaty: Practical Skills for Switchgear Electrical Systems in Hazardous Locations Electrical MPN 708: Electrical Equipment Maintenance Electrical MPA 72: National Fire Alarm & Signaling Code 2013 Editors Grounding & Banding for Vetaum Tracks Grounding & Bonding of Electrical Systems National Electric Safety Code MFPA 101: Life Safety Code* 2012 Edition (Healthcard) MFFR 101-Life Safety Code® 2018 Edition (Other Industries) MFPA 112: Emergency and Standby Paver Systems. NFPA 79: Electrical Standard for Industrial Machinery 2018 Editors NFTA 55: Standard for Health Care Facilities 2012 Edition MCET Levels 1.5.11 INFINED SPACE STREET & Audits Confined Space Mentification/Audits gram Den Eggipment Specific Procedure Development (Confined Space) Confined Space Entry & Rescae Training DIGITAL ENES SOLUTIONS Healthcare Facility Compliance Management Incident & Asset Management Learning Manapirment System Lincludes ordine training & temptakes Occupational Health Teching Safety Inspections and Compliance Mentioning **SDS Management**

Specialized Online Training

ENERGENCY PLANNING AND RESPONSE Accessories & Audits

Backflore System Impection & Service Emergency Light and Exil Lights Inspections & Service Fire Alarm System Design and Installation* Fire Alarm System Impaction & Service Fire and amoke damper impection & repairs Fina and emoles deer inspection & repairs Fire Extinguisher impections & Service Fire Protection Assessment & Testing (sprinkler systems) Fire Protection Design and Installation (sprinkler systems) Fire Protection Inspection, Testing & Mantenance taprickler systems Fire: Special Hazard Fire Suppression System Design & Installation Fire: Spirikler Line Compliance Management & repairs Finality and fire barrier srepection & repairs Kitchen Hood Suppression System Inspection & Service Life Safety Plans Review and Revisions Litting & Rigging Site Assessments Photo tuminescent markings inspection & installation Special Restard Fire Suppression System Design & installation Lourisian & Workshap Active Shocker Practical Exercise Business Continuity Planning Workshop Hometand Security Exercise Evaluation: Program InSEEP: Exercises Program Des Emergency Evecuation Plana Envirgincy Operations Plans Active Shocker fraining Fire Barrier Management Travery Fire Extremeler Training Incident Command System (ICS) Training Pandemic Response Personal Protection Equipment Treining

ERGENCY PREPAREDNESS SERVICES Approalen Manapement Transing Behavers/Health Product Installation Emergency Management Program Assessment accreditation said! Haderdoon Materials Awareness Level Training Healthcare AS-Hozarda Exacution Plan Healthcare AT-Hazarda Execution Training Healthcare Basiness Contrality Planning (Continuity of Operations Plant Healthcare Evenation Exercise Healthcare Secondy Assessment Frazzed-Full Hospital Command Center (HCC) Workshop Hospital Decontamination Practical Exercise Hospital First Receiver Decontanenation Training Hospital Incident Command System (HICE) Essentials Training Hospital Incident Command System (HICS) Workshop Loss of Community Support (96 Haur) Plan ENVIRONMENTAL SAFETY HAZARDS ri & Audi **Combusities Dust Surveys** En85 Compliance as a Service (Cadly Environmental Compliance Censulting (sir, water, wate) Program Development Equipment Specific Procedure Development Emergeneratal Safety Happensi 1.1 Hot Wark Stating (Welding, OIL& Cast) Occupational Exposure Hatardous Chemicals in Labs. MILES. IT & Autom Ergonomica Assessments Engonemics Awaramente Training FOOD SAFETY menert & Author Food Safety Compliance/Certification Assessments FDA/FSMA, HACOP GPS8 Food Safety Program Development & Qualification Imperature Mentaring & Compliance EnviroTtak Services - Food & Beverage Versalitak Services - Healthcaraffood & Benerap Food Program Training FDA/FSMA, FSSC22000, DFSI, GMPs, SSFI HACCIVPreventive Controls Training GENERAL SAFETY 11.1 Baltavieral Health Safety Risk Auseumment **Bio Salety Solutions** Field Safety Assessments Job Hazard Assilysis: Management System Assessments. Integration & Certification Preparation #\$00001/14001/22001/45001. OHEA5180011

"Services are only available through Grainger third-party provider.

EENINAL SAVETY Continued Assessment & Antria Mack CMF Audits Mack IEENIA Audits Mack IEEC Audits OSHA Machinet Containing Sarray & Analysis of Saveting Water Systems Santay Analysis of Saveting Water Systems Santay Analysis of Saveting Water Systems

Temperature Stress Assessments (fiel & Cold) Whiche Lift Impection Service Temperature Service

Buisiness Continuation Plan ErtS Management System Program Development (E09001/14001/22001/45001, 0H54518001) eLOTO Procedure Writing Software (Master Lock) Expert Witness Industrial Scientific Gas Detection Equipment Rentator And Gas Detection Service" UNR363 - Safety Constiance Software (Brady) Process Salety Management Speaking Engagements Temporary Safety Professionats/Permanent Safety Staffing VIP Management Solutions Assistance Written Safety Program Development Class 3b and Class 4 Laser Safety Training Compressed Gas Cylinder Safety Training Excavation/Trancting Training Gas Detection Made Easy Training Medical Gas Maintenance Personnel Certification

Training USSE 6040) COM 10/20 Training OSHA Haurd Communication (INZCOM/CHS) Training Adatuse Sarling Officer (IRS) training RCPA training - Saild and tracerdoux waste disposal Safely Catlum Training Techon Takis Unders Planning Cast Training CCCCO/DIV/COUT Advanced 14 France Excession 14 France Excession 24 France



Annexemperi & Andria Victoria Canolog Andra Training Wachine Canolog Training Installation

Turnkey Engineered Machine Guarding System*

Fall Protection Training Scaffolding Training

ANNAGED BEREFIT PROCHAMS Manined Footware Program Safety Prescription Eyeneair Program MATERIAL HANDLING amout 5. Austra **Crane & Head Inspections** Reping & Sing Inspectant CFR 49 Hazmat Transportation Training Crime Operator Salaty Transre Crarm, Hoist, Silving & Rigging Training **OOT materials Meterials Training Driver/Heat Safety Training** Fonial Lift Training Manual Material Handling (MMH) EDICAL/FIRST AID AED Inspectice Services Energency Eye West Station Assessments & Inspections regram Di Equipment Sovietlic Procedure Development (Mudical & Frot Ant) Stocborne Pathogen Training - Online (2-year Cariffication Blockerne Putropers Taking - Instructor-Led Eye Wash States Inspection Training -**Competent Person** First Av& BEP Training - Online (2-year Cartification) First Add/CPRCAED Training - Instructor-Lod First Aid/CP10/RED Training + Online w/ In-Person Skills Evaluation 11.1 **PPE Assessments** Valot Screening SAFETY COMMUNICATIONS Hazardous Waste Operations (HAZWOPER) 40/24/6/ Training SLPS & THPS 1.5. Autilia Walking Working Surfaces Assessments/Rudits WORKING AT ELEVATED HTS 1.1.1. Full Protection Assessments/Audits Full Protection Equipment Wapections - Harnesses, etc. Ladder Impicture Services Engineered Fall Protection NON-PENE TRATING WEIGHT BASED DND/ Tamkey Engineered Pail Prelection System" Equipment Specific Procesture Development (Fall Protection) Aerial Lift Training





Contact Your Grainger Rep for Details, Availability and Eligibility



Thank you for attending!