ENSA ACCESS + RESCUE

2021

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MALLORY ENSA ACCESS + RESCUE

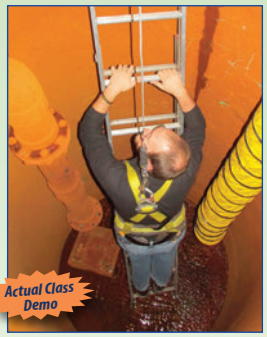
OSHA Training Programs & Facility Site-Evaluations

Mallory Safety Training Provides:

OSHA 29 CFR 1926 — CONSTRUCTION INDUSTRY
OSHA 29 CFR 1910 — GENERAL INDUSTRY
DOD EM-385 SAFETY & HEALTH REQUIREMENTS — U.S. Army Corps of Engineers

- Our training programs and inspection processes are based on the applicable OSHA and DOD Regulations, ANSI standards (if referenced by OSHA) and the manufacturer's recommendations
- Training is also customized to fit the needs of the client company and their specific regulations, applications and equipment.
- Classes can be held at the customer's facility or site.
- Certificate of Completion, test and sign-in listing (OSHA/ANSI requirements for training) will be provided to your employees upon the completion of their class.

If you would like to schedule a class or need more information please contact Dephanie McGill-Brandon at dephanie.brandon@mallory.com or 800-777-7347.



Non-Entry Rescue

CSA1001 Permit-Required Confined Space Entry & Regulations *(8 Hours)*

OSHA 29 CFR 1910.146 Permit-Required Confined Spaces and ANSI Z117.1 Safety Requirements for Confined Spaces Training Certification

OSHA states *that the employer shall provide training so that all employees whose work is regulated by this section acquire the understanding, knowledge, and skills necessary for the safe performance of the duties assigned under this section. To fully understand the health and safety risks of entering and working in confined spaces, workers are required to take confined space entry training in compliance with OSHA requirements. The employer shall certify that the training required by this section has been accomplished. Confined spaces include, but are not limited to underground vaults, tanks, storage bins, manholes, pits, silos, process vessels, and pipelines.*

Training shall be provided to each affected employee:

- Before the employee is first assigned duties under this section;
- Before there is a change in assigned duties;
- Whenever there is a change in permit space operations that presents a hazard about which an employee has not previously been trained;
- Whenever the employer has reason to believe either that there are deviations from the permit space entry procedures or that there are inadequacies in the employee's knowledge or use of these procedures.

Optional Simulated "Non-Entry" Rescue Operation (1 Hour) for the entire class. Call for details.

Training Includes:

- Atmospheric Testing and the Causes of a Hazardous Atmosphere;
- Continuous Forced Air Ventilation;
- Respiratory Equipment Options;
- Employee Duties (Entrants, Attendants & Entry Supervisor);
- Permit Space Evaluation Process;
- Rescue & Retrieval Equipment;
- Types Of Rescues;
- Training Requirements;
- Permit-Required Confined Space Programs including Entry & Hot Work Permits

Certificate upon completion.

Non-Entry Rescue

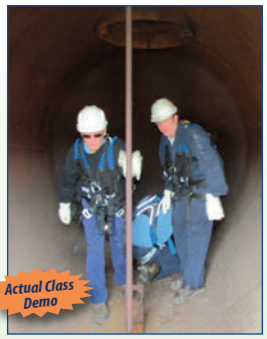
CSER1002 Permit-Required Confined Space Entry & Regulations

with Simulated "Non-Entry" and "Entry" Rescue Operation *(16 Hours)*

OSHA 29 CFR 1910.146 – Permit-Required Confined Spaces and ANSI Z117.1 – Safety Requirements for Confined Spaces Training Certification

OSHA states *that an employer whose employees have been designated to provide permit space rescue and emergency services shall take the following measures:*

- *— Provide affected employees with the personal protective equipment (PPE) needed to conduct permit space rescues safely and train affected employees so they are proficient in the use of that PPE, at no cost to those employees;*
- *— Train affected employees to perform assigned rescue duties. The employer must ensure that such employees successfully complete the training required to establish proficiency as an authorized entrant, as provided by paragraphs (g) and (h) of this section;*
- *— Train affected employees in basic first-aid and cardiopulmonary resuscitation (CPR). The employer shall ensure that at least one member of the rescue team or service holding a current certification in first aid and CPR is available;*
- *— Ensure that affected employees practice making permit space rescues at least once every 12 months, by means of simulated rescue operations in which they remove dummies, manikins, or actual persons from the actual permit spaces or from representative permit spaces. Representative permit spaces shall, with respect to opening size, configuration, and accessibility, simulate the types of permit spaces from which rescue is to be performed.*



Entry Rescue

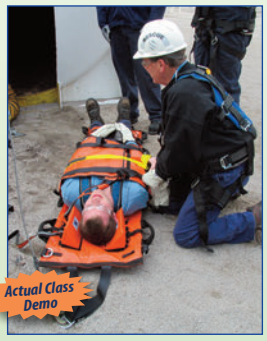
Training shall be provided to each affected employee:

- Before the employee is first assigned duties under this section;
- Before there is a change in assigned duties;
- Whenever there is a change in permit space operations that presents a hazard about which an employee has not previously been trained;
- Whenever the employer has reason to believe either that there are deviations from the permit space entry procedures or that there are inadequacies in the employee's knowledge or use of these procedures.

Training Includes:

- Atmospheric Testing and the Causes of a Hazardous Atmosphere;
- Continuous Forced Air Ventilation;
- Employee Duties (entrants, attendants & entry supervisor);
- Permit Space Evaluation Process;
- Rescue/Retrieval Equipment and Respiratory Equipment Options;
- Types of Rescues;
- Training Requirements and Permit-Required Confined Space Programs including Entry & Hot Work Permits;
- How to Perform Assigned Rescue Duties Safely;
- Practice Making Permit Space Non-entry" and "Entry" Rescues

Certificate upon completion.



Entry Rescue

NOTE: Applicable travel/accommodation expenses will be added to all training days.

Grain Handling Facilities

GHFSNEe Grain Handling Facilities with Simulated "Non-Entry" & "Entry" Rescue Operation *(8 Hours)*

29 CFR 1910.272 – Grain Handling Facilities; ANSI Z117.1 – Safety Requirements for Confined Spaces; 1910.147 – The Control of Hazardous Energy; 1910.252 Welding, Cutting, and Brazing; OSHA CPL 03-00-008, Subject: Combustible Dust National Emphasis Program; and NFPA 61 Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities

OSHA states *that employers of grain handling facilities must provide training to employees at least annually and when changes in job assignment will expose them to new hazards. Current employees, and new employees prior to starting work, must be trained in at least the following:*

- *— General safety precautions associated with the facility, including recognition and preventive measures for the hazards related to dust accumulations and common ignition sources such as smoking; and,*
- *— Specific procedures and safety practices applicable to their job tasks, including but not limited to, cleaning procedures for grinding equipment, clearing procedures for choked legs, housekeeping, hot work, preventive maintenance and lockout/tagout procedures;*
- *— Employees assigned special tasks, such as bin entry and handling of flammable or toxic substances, must be provided training to perform these tasks safely. Training for an employee who enters grain storage structures includes training about engulfment and mechanical hazards and how to avoid them.*

The grain handling industry is a high hazard industry where workers can be exposed to numerous serious and life threatening hazards. These hazards include: fires and explosions from grain dust accumulation, suffocation from engulfment and entrapment in grain bins, falls from heights and crushing injuries and amputations from grain handling equipment. Grain handling facilities are facilities that may receive, handle, store, process and ship bulk raw agricultural commodities such as (but not limited to) corn, wheat, oats, barley, sunflower seeds, and soybeans. Grain handling facilities include grain elevators, feed mills, flour mills, rice mills, dust pelletizing plants, dry corn mills, facilities with soybean flaking operations, and facilities with dry grinding operations of soycake.

Training Includes:

- Grain Entrapment Rescue Sleeves and Auger
- Housekeeping;
- Lock-Out/Tag-Out and Grain Bin-Entry Procedures;
- Entry Permits;
- Machine, Engulfment, Entrapment and Atmospheric Hazards;
- Atmospheric Testing;
- Respirator and Continuous Forced Air Ventilation Equipment;
- Fall and Engulfment Protection;
- "Non-Entry" & "Entry" Rescue & Retrieval Equipment, Procedures and Training Requirements;
- Floor and Wall Openings and Open-sided Floors;
- Preventative Maintenance and Inspections;
- Hot Work and Ignition Control;
- Grain Dust Fires and Explosions

Hands-On Activities include: Students will demonstrate their ability to use a Fall Arrest & Restraint Systems, Overhead Rescue & Retrieval Systems and Grain Rescue Tubes & Auger.

Certificate upon completion.

Fall Protection

FP1001 "Authorized Person" Fall Protection Equipment & Regulations *(8 Hours)*

OSHA 29 CFR 1926 Subpart M – Fall Protection; and 1910.23 – Guarding Floor & Wall Openings & Holes Training Certification

OSHA states *that the employer shall provide a training program for each employee who might be exposed to fall hazards. The program shall enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize these hazards. Falls are among the most common causes of serious work-related injuries and deaths. Employers must take measures in their workplaces to prevent employees from falling off overhead platforms, elevated work stations or into holes in the floor and walls.*

Training Includes:

- Demonstrations with Harnesses;
- Lanyards, Self-retracting Lifelines, Anchor Points, etc.;
- Tie-off Techniques;
- Estimation of Free Fall Distance;
- Application Limits;
- Proper Anchoring;
- Swing Fall;
- Total Fall Distance to Prevent Striking a Lower Level;
- Vertical and Horizontal Lifelines;
- Elongation;
- Deceleration Distance;
- Equipment Inspection Process

Certificate upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

EM385 "Competent Person" Fall Protection Training *(24 Hours)*

U.S. Army Corps of Engineers 385-1-1SAFETY AND HEALTH REQUIREMENTS, OSHA 29 CFR 1926 Subpart M -Fall Protection, Subpart E -Personal Protective Equipment, Subpart L – Scaffolding and 29 CFR 1910 Subpart D -Walking/Working Surfaces, Subpart F -Powered Platforms, Manlifts, & Vehicle Mounted Work Platforms. & ANSI/ASSE Z359.2

The Competent Person training enables the attendee to be responsible for the immediate supervision, implementation and monitoring of a managed fall protection program and incorporates both written and practical examinations. Upon completion of this training, you will receive a certificate acknowledging you have met or exceeded OSHA and ANSI requirements as a Competent Person and Competent Inspector.

Training Includes:

- Roles and Responsibilities;
- Training;
- Fall Protection Program;
- Controlled Access Zones;
- Fall Protection Systems;
- Covers, Safety Net Systems for Fall Protection;
- Personal Fall Protection Systems;
- Ladder-Climbing Devices (LCDs);
- Scaffolds, Work Platforms and Elevating/Aerial Platforms;
- Warning Line Systems (WLS);
- Safety Monitoring System (SMS);
- Rescue Plan and Procedures;
- Working Over or Near Water;
- Other Engineered Fall Protection Systems

Hands-On Activities include: Students will demonstrate their ability to properly don a full body harness, the proper use of Horizontal & Vertical Fall Arrest & Restraint Lifeline Systems, the proper use of Suspension Trauma Straps and the ability to recognize Incompatible Connections.

Certificate upon completion.

Student donning a harness


Student using a horizontal lifeline

Student using suspension trauma straps

Forklifts

FOTR Forklift Operator Training & Regulations *(4½ Hours)*

OSHA 29 CFR 1910.178 Powered Industrial Trucks & ANSI 656.1 Safety Standard for Powered Industrial Trucks Training Certification

OSHA states *that before any employee is allowed to operate a conventional forklift, the employer is required to demonstrate that an employee has successfully completed a forklift training and evaluation. Second only to highway accidents, powered industrial truck accidents are one of the leading causes of fatalities in industry. All powered industrial truck operators must be trained and certified.*

Training Includes:

- Forklift Types;
- Rearsteering;
- Turning Radius;
- Combined Center of Gravity and the Stability Triangle;
- Load Center and Controls;
- Load Capacity;
- Proper Load Positioning and Handling;
- Hazard Awareness;
- Picking;
- Traveling with and Placing a Load;
- Parking;
- Refueling and Battery Charging;
- Pre-operation Inspection (visual and operational checks);
- Maintenance

Certificate and wallet card upon completion.
Optional Driving Performance test (required by OSHA) available, call for details and price.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

LTER Lockout/Tagout Equipment & Regulations *(4 Hours)*

OSHA 29 CFR 1910.147 – The Control of Hazardous Energy (Lockout/Tagout) Training Certification

Lockout/Tagout

OSHA states *that employees need to be trained to ensure that they know, understand, and follow the applicable provisions of the hazardous energy control procedures. The training must cover at least three areas: aspects of the employer's energy control program; elements of the energy control procedure relevant to the employee's duties or assignment; and the various requirements of the OSHA standards related to lockout/tagout.*

Electrical, hydraulic, mechanical, pneumatic, and other forms of energy run nearly everything in our workplace today. If uncontrolled, each of these pose a significant hazard. Death and serious injury can result from an unexpected startup, or the release of hazardous energy. Lockout/tagout procedures are written steps used for affixing lockout or tagout devices to energy isolating devices to bring a machine to a zero-energy state. By using a lockout/tagout procedure, employees can help protect themselves from unexpected re-energization or release of stored energy. OSHA lockout/tagout safety training and procedures have been developed to prevent this from happening and to safeguard employees.

Training Includes:

- Control of Hazardous Energy;
- Servicing and Maintenance of Machines and Equipment in Which the Unexpected Energization or Start Up of the Machines or Equipment, or Release of Stored Energy Could Cause Injury to Employees;
- Affected and Authorized Employee Duties;
- Energy Isolating Devices;
- Energy Control Program;
- Energy Control Procedures;
- Protective Materials and Hardware;
- Training

Certificate upon completion.

PFMLSISR Portable & Fixed Ladders, Mobile Ladder Stands, Industrial Stairs & Regulations *(3½ Hours)*

29 CFR 1910.21–29, Subpart I and ANSI 14.5 2007 – Portable Reinforced Plastic Ladders

Portable Ladders

OSHA states *that employers must provide a training program for each employee using ladders and stairways. The program must enable each employee to recognize hazards related to ladders and stairways and to use proper procedures to minimize these hazards. This training program will cover basic concepts, industry safety regulations and standards, responsibilities in the workplace, the hazards of working on and around ladders and stairways, different types of ladders and their intended uses, and hazard control measures to follow when you use a ladder or stairway to accomplish job tasks in your workplace. This Stairway and Ladder Safety Training is designed for workers in all industries, emphasizing hazard identification and safe work practices that apply to the use of ladders and stairways.*

Training Includes: Establish Prescribed Rules and Minimum Requirements for the Care, Use and Inspection of the Common Types of Portable Metal, Fiberglass and Fixed Ladders and Manually Propelled Mobile Ladder Stands (airplane stands).

Certificate upon completion.

Disclaimer

Our training classes and site-evaluations have been designed to assist you in complying with OSHA regulations. The materials provided are not meant to be a substitute for the OSHA regulations. Because of the variations that can occur due to on-site conditions, whether you are in a state plan, or performance criteria, it is impossible for any training to cover every aspect of those potential variations. Therefore, our training does not cover everything a person should know about a particular subject nor does it qualify anyone as a "competent" person. However, our classes do cover part of the information that any person must know to be effective in applying safety and health standards and practices to circumstances in the work place.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

MEWAP Mobile Elevated Work Platform *(4 Hours)*

OSHA 29 CFR 1926.453 Aerial lifts; 1926.454, 1926.502, 1926.503 & 1910.67 Vehicle-Mounted Elevating and Rotating Work Platforms; 1910.269 and ANSI/SIA A92.2–2009 Vehicle Mounted Elevating and Rotating Work Platforms Training Certification

OSHA states *that only trained and authorized persons are allowed to operate aerial or scissor lifts. This combination Aerial Lift and Scissor Lift training will provide training and certification in the OHSA and ANSI required safety concepts and the procedures to help reduce workplace accidents and provides documentation of training.*

Training Includes:

- Explanations of Electrical, Fall, and Falling Object Hazards;
- Procedures for Dealing With Hazards;
- Maximum Intended Load and Load Capacity;
- Inadequate Ceiling Heights and Overhead Obstructions;
- Drop-offs, Holes, or Unstable Surfaces Such as Loose Dirt, Slopes, Ditches, or Bumps;
- Debris and Floor Obstructions;
- High Wind and Other Severe Weather Conditions;
- Hazardous Atmospheres;
- Frequent and Periodic Inspections;
- Maintenance;
- Record Keeping;
- Safe Work Practices;
- Vehicle Stability;
- Training Requirements and the Applicable Fall Protection Regulations & Equipment for both Aerial and Scissor Lifts

Certificate and wallet card upon completion.

Optional Aerial & Scissor Lift Driving Performance Test (required by OSHA) available, call for details and price.

Aerial & Scissor Lifts

IMMGER Introduction to Machinery & Machine Guarding Equipment & Regulations *(4 Hours)*

OSHA 29 CFR 1910.211 – Machinery & Machine Guarding through 1910.219; ANSI B11.0-2015 – Safety of Machinery; General Requirements & Risk Assessment; and B11.19-2015 – Machine Guarding Standards

OSHA states *that the employer shall certify that employees have been trained by preparing a certification record which includes the identity of the person trained, the signature of the employer or the person who conducted the training, and the date the training was completed. The certification record shall be prepared at the completion of training and shall be maintained on file for the duration of the employee's employment. Amputations, crushed hands and arms, lacerations, abrasions and blindness are just a few of the possible injuries created by moving machine parts. Any machine part, function, or process which many cause injury must be safeguarded. When the operation of a machine or accidental contact with it can injure the operator or others in the vicinity, the hazards must be either controlled or eliminated. This training program will address general requirements for machine safeguarding as mandated by OSHA.*

This training is intended for all persons working in or around machinery with hazards such as those created by point of operation, ingoing nip points, rotating parts, flying chips and sparks. Designed to help employees understand the dangers of working with machinery–and how those risks can be minimized by proper installation and use of safety guards and devices

Training Includes:

- Basic Machine Operations;
- Fixed Guards;
- Adjustable and Self-adjusting Guards;
- Interlock Devices;
- Drive Train and Perimeter Guards;
- "Drop Probe" Devices;
- Restrain and Pullback Devices;
- Adjustment, Inspection and Maintenance of Safety Guards

Certificate upon completion.

Optional Equipment Inspection. Call for details and price.

Machinery & Machine Guarding

NOTE: Applicable travel/accommodation expenses will be added to all training days.

Overhead & Gantry Crane (Lifting)

MHER Material Handling Equipment & Regulations *(4 Hours)*

OSHA 29 CFR 1910.179 – Overhead & Gantry Cranes; 1910.184 – Materials Handling & Storage and ANSI/ASME B30.16 – Overhead Hoists; ASME B30.21 – Manually Lever Operated Hoist; B30.9-2006 – Slings; B30.11 – Monorails & Underhung Cranes; and B30.20 – Below the Hook Lifting Devices

OSHA states *that employers must permit only thoroughly trained and competent workers to operate cranes. As an employer, you must designate a Competent Person to conduct inspections of slings before and during use, especially when service conditions warrant. An OSHA "Competent Person" is defined as "one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them. By way of training and/or experience, a competent person is knowledgeable of applicable standards, is capable of identifying workplace hazards relating to the specific operation, and has the authority to correct them."*

Training Includes:

- Covers Alloy Steel Chain, Wire Rope, Synthetic Web Slings, Shackles, Hooks, Portable Handheld Hoists and Manually Operated Lever Hoists;
- Overhead & Gantry Cranes;
- Rated Load Marking;
- Clearance From Obstruction;
- Designated Personnel;
- Stops, Bumpers, Rail Sweeps & Guards;
- Pendant Control Boxes;
- Frequent & Periodic Inspections, Hoist Chains, Operational Tests, Preventive Maintenance;
- Limit Switches;
- Handling the Load;
- Manually Lever Operated Hoist (come-a-longs)

Certificate upon completion.

Respiratory

RER Respiratory Equipment & Regulations *(4 Hours)*

OSHA 29CFR 1910.134 – Respiratory Protection Training Certification

OSHA states *that employers are required to provide respiratory protection training to workers who wear respirators on the job, at least every 12 months. This annual retraining will refresh your memory on the information and skills you need to use a respirator correctly. It gives you a chance to practice with a respirator and to ask questions and discuss worksite-specific respirator use with your instructor. A respirator can't protect you if you don't know how to use it properly.*

Training Includes:

- Why you need to use the respirator, what the respirator can and cannot do to protect you;
- How to properly inspect, put on and take off, and use your respirator;
- How to check the seal of your respirator (also called a "user seal check");
- How to use the respirator effectively in emergency situations;
- How to recognize medical signs and symptoms that may limit or prevent you from using a respirator;
- How improper fit, usage, or maintenance can reduce your respirator's ability to protect you;
- Procedures for selecting respirators;
- Medical evaluations;
- Fit-testing procedures;
- What the procedures are for cleaning, disinfecting, storing, inspecting,and maintaining respirators;
- General use of filtering facepiece respirators (disposable), Air Purifying Respirators (APR), Supplied Air Respirators (SAR), Powered Air Purifying Respirators (PAPR), Self-Contained Breathing Apparatus (SCBA) and their Assigned Protection Factors

Certificate upon completion.

Optional Qualitative Fit Testing available (1 hour). Call for details and price.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

PPER Personal Protective Equipment & Regulations *(4 Hours)*

OSHA 29 CFR 1910.132 – General Requirements; 1910.133 – Eye & Face Protection; 1910.134 – Respiratory; 1910.135 – Head Protection, 1910.136 – Foot Protection; 1910.138 – Hand Protection; 1910.95 – Hearing Protection Training Certification

OSHA states *that the employer shall provide training to each employee who is required by this section to use PPE. Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing and protective shields and barriers, shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards of processes or environment.*

OSHA requires that employers protect their employees from workplace hazards that can cause injury. This training program will address the categories of PPE training required by OSHA including: Head Protection, Eye and Face Protection, Hearing Protection, Hand and Foot Protection.

Personal Protective Equipment

Training Includes:

- PPE Hazard Assessment Program; Safety Data Sheets;
- Skin Absorption of Harmful Substances;
- Chemical Resistant Charts;
- Limitations of the Selected PPE;
- Occupational Noise Exposure;
- Symptoms of Overexposure to Noise;
- Elements of Hearing Conservation Program;
- Classes and Types of Hard Hats
- Respirator Types
- Fit Testing & User Seal Check

Certificate upon completion.

HAZCOM *(4 Hours)*

OSHA 29 CFR 1910.1200 – Hazard Communication & 2012 Revised Hazard Communication Standard (HCS) Training Certification

OSHA states *that employer's must train all affected employees on the new label elements (i.e., pictograms, hazard statements, precautionary statements, and signal words) and safety data sheets format to facilitate recognition and understanding no later than December 1, 2013, while full compliance with the final rule will begin in 2015. It is important to ensure that when employees begin to see the new labels and SDS's in their workplaces, they will be familiar with them, understand how to use them, and access the information effectively. The changes focus on: Hazard Classification, Labeling and Marking, Safety Data Sheets (SDS) and Information Distribution and Training. This training is designed to assist employees in learning about work hazards, how to protect themselves, and include the revisions that align with the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS).*

Who Should Take This Training: All workers exposed to hazardous chemicals in all industrial sectors, all employers who subject their employees to hazardous chemicals and all employers who have employees that are exposed to hazardous chemicals..

Training Includes: OSHA's Hazard Communication Standard, Globally Harmonized System of Classification (GHS), the primary Hazard Communications Standard responsibilities for employers, Understand the key changes to OSHA's HazCom Standard, GHS Compliance Dates, Hazard Classification (provides new criteria for classifying chemical hazards), Labels (must include a signal word, pictogram, hazard statement and precautionary statement), Safety Data Sheets (SDS's must follow a new, 16-section format), Information Distribution and Training.

Certificate upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

ICDR Introduction to Combustible Dust Regulations *(4 Hours)*

29 CFR 1910.272 –Grain Handling Facilities; OSHA CPL 03-00-008, Subject: Combustible Dust National Emphasis Program & NFPA 654 –Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids

OSHA states *in their OSHA Combustible Dust National Emphasis Program, that two of the most common citations were improper housekeeping, including combustible dust accumulation, and use of compressed air to blow down combustible dust. Combustible dusts are any combustible solid material composed of distinct particles or pieces, regardless of shape, size or chemical composition that presents a fire or deflagration (explosion) hazard when suspended in air. The National Fire Protection Association (NFPA) states that any material that will burn in air as a solid can be explosive in a finely-divided form, and any industrial process that reduces materials into small particles presents a potential for a serious fire or explosion. Combustible dusts are often either organic or metal dusts that are finely ground into very small particles, fibers, fines, chips, chunks, flakes, or a small mixture of these. Types of dusts include, but are not limited to: metal dust, such as aluminum and magnesium; wood dust; plastic dust; biosolids; organic dust, such as sugar, paper, soap, and dried blood; and dusts from certain textiles. Some industries that handle combustible dusts include: agriculture, chemicals, textiles, forest and furniture products, wastewater treatment, metal processing, paper products, pharmaceuticals, and recycling operations (metal, paper, and plastic). Therefore, the directive covers a wide range of materials used in many application areas across almost all the major industrial and agricultural sectors.*

Combustible Dust

Training Includes:

- Prevention of Fire and Dust Explosions From the Manufacturing, Processing, and Handling of Combustible Particulate Solids;
- Process & Facility Design;
- Bulk Storage Enclosures;
- Duct Systems;
- Air-moving Devices (fans & blowers);
- Fugitive Dust Control; Housekeeping;
- Ignition Sources: mechanical sparks, electrical equipment;
- Static electricity, open flames & sparks;
- Hot surfaces & industrial trucks;
- Fire Protection (fire extinguishers, automatic sprinklers, etc.);
- Employee Training, Inspection and Maintenance

Certificate upon completion.

Optional Walk-Through Inspection, call for details and price.

ER Electrical Regulations *(4 Hours)*

NFPA 70E, 29 CFR 1926 Subpart K & 1910 Subpart S

OSHA states *that the training requirements contained in this section (29 CFR 1910.332 Training) apply to employees who face a risk of electric shock that is not reduced to a safe level by the electrical installation requirements of 1910.303 through 1910.308. This training covers the requirements for working safely in an electrical environment and assists in meeting the mandated training requirements of OSHA 1910.332.*

OSHA specifically mandates employer assessment of generally recognized hazards in the workplace and provisions for protecting the employee from those hazards. Students are familiarized with updates to OSHA, NFPA 70E, NEC and PPE improvements. Information is provided to help realize the benefits of an electrical safety program which result in fewer electrical accidents, improved power system reliability, OSHA compliance and potential reductions in losses due to accidents and injuries. This training meets mandated training requirements of OSHA 1910.332 and .269 and improves ability to interpret OSHA, the National Electrical Safety Code (NESC), ASTM and other applicable electrical safety regulations. Applying these best practices is essential to preventing electrical accidents, outages and equipment damage.

Electrical Regulations

Training Includes: Designed to provide the student with a survey of OSHA's electrical standards and the hazards associated with electrical installations and equipment.

Topics Include:

- Single & Three Phase Systems;
- Cord & Plug Connected & Fixed Equipment;
- Grounding;
- Ground Fault Circuit Interrupters;
- NFPA 70E Safety Related Work Practices

Certificate upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

OSHA Scaffolding Requirements:

- "The employer shall have each employee who performs work while on a scaffold trained by a person qualified in the subject matter to recognize the hazards associated with the type of scaffolding being used and to understand the procedures to control or minimize those hazards."
- "The employer shall also have each employee who is involved in erecting, disassembling, moving, operating, repairing, maintaining, or inspecting a scaffold trained by a competent person to recognize the hazards associated with the work in question."
- "When the Employer has reason to believe that an employee lacks the skill or understanding needed for safe work involving the erection, use or dismantling of scaffoldings, the employer shall retrain each such employee."

SCAFFOLDING TRAINING

29 CFR 1926.450 through 1926.454 and 1910.28–1910.29

SUC Scaffolding User *(4 Hours)*

OSHA States *that the employer shall have each employee who performs work while on a scaffold trained by a person qualified in the subject matter to recognize the hazards associated with the type of scaffold being used and to understand the procedures to control or minimize those hazards. The training shall include the following areas, as applicable:*

1. *The nature of any electrical hazards, fall hazards and falling object hazards in the work area;*
2. *The correct procedures for dealing with electrical hazards and for erecting, maintaining, and disassembling the fall protection systems and falling object protection systems being used;*
3. *The proper use of the scaffold, and the proper handling of materials on the scaffold;*
4. *The maximum intended load and the load-carrying capacities of the scaffolds used; and*
5. *Any other pertinent requirements of this subpart.*

The purpose of this training is to provide scaffold users with the OSHA regulations, safety guidelines and procedures needed to recognize the hazards associated with scaffolding and to understand the procedures to control and eliminate those hazards.

Training Includes: Determine the basic elements of a safe platform; Determine the nature of electrical hazards; Fall Hazards; Falling Object Hazards; Material Handling Hazards; Overloading Hazards and Prohibited User Actions for Frame; Rolling Towers; Tube & Clamp and System Type Scaffolds. ***Includes:*** Scaffold training manual and certificate.

Certificate upon completion.

SCPC Scaffolding Competent Person / Inspector *(8 Hours)*

OSHA states *that the employer shall have each employee who is involved in erecting, disassembling, moving, operating, repairing, maintaining, or inspecting a scaffold trained by a competent person to recognize any hazards associated with the work in question. The training shall include the following topics, as applicable:*

1. *The nature of scaffold hazards;*
2. *The correct procedures for erecting, disassembling, moving, operating, repairing, inspecting, and maintaining the type of scaffold in question;*
3. *The design criteria, maximum intended load-carrying capacity and intended use of the scaffold;*
4. *Any other pertinent requirements of this subpart.*

This class is excellent for Competent Inspectors. ***Training Includes:*** Competent person training for frame, tube & coupler and system type scaffolds; Detailed coverage of the OSHA scaffold regulations; Recommended assembly procedures; Step by Step Assembly Instructions; and Scaffolding Inspection Checklist. It is the prerequisite for the Scaffolding Erection & Dismantling Training. ***Training Includes:*** STI Scaffold training manual (340 pages) with step by step assembly instructions, STI and OSHA inspection checklists, wallet card and certificate.

Certificate and wallet card upon completion.

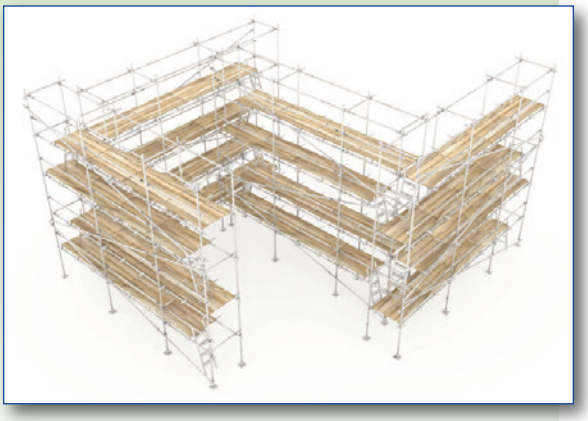
NOTE: Applicable travel/accommodation expenses will be added to all training days.

SCAFFOLDING TRAINING *(continued)*

29 CFR 1926.450 through 1926.454 and 1910.28–1910.29

SEDC Scaffolding Erection & Dismantling *(8 Hours)*

OSHA states *in 1926.454 Appendix D that scaffold erectors and dismantlers should all receive the general overview, and, in addition, specific training for the type of supported scaffold being erected or dismantled and that employees erecting or dismantling scaffolds should be trained in the following topics:*



General Overview of Scaffolding:

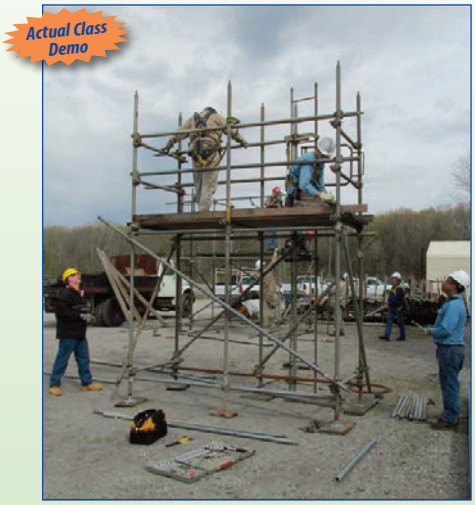
- Regulations and Standards
- Erection/Dismantling Planning
- PPE and Proper Procedures
- Fall Protection
- Materials Handling
- Access
- Working Platforms
- Foundations
- Guys, Ties and Braces

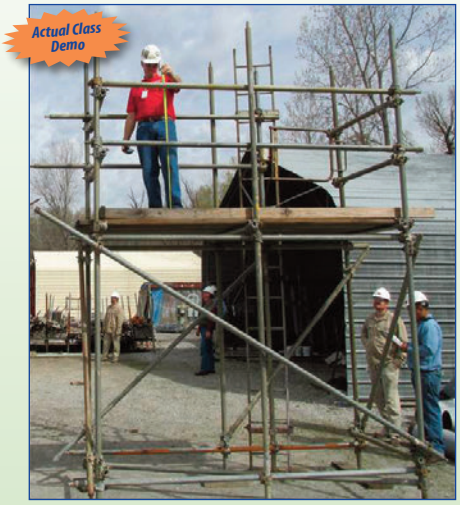
Specific Training for the Type of Scaffolding Includes:

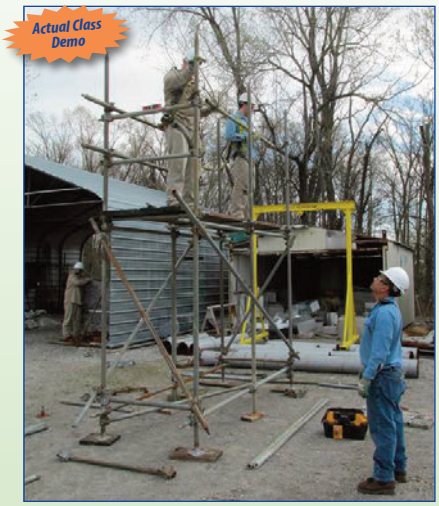
- Specific Regulations and Standards
- Components
- Parts Inspection
- Erection/Dismantling Planning
- Guys, Ties and Braces
- Fall Protection
- General Safety
- Access and Platforms
- Erection/Dismantling Procedures
- Rolling Scaffold Assembly
- Putlogs

This class consists of practical hands-on erecting and dismantling of your existing scaffolding system and is recommended for anyone with limited hands-on experience. ***Training Includes:*** Practical Hands-on Erection and Dismantling of Frame and/or Tube & Coupler and/or System Type Scaffolds (1-2 levels). *Certificate upon completion.* **Prerequisite:** Scaffolding Competent Person Training.

Certificate upon completion.







NOTE: Applicable travel/accommodation expenses will be added to all training days.

Hazardous Waste Operations & Emergency Response (HAZWOPER) Training Programs 29 CFR 1910.120

HAZWOPER 40-Hour:

This training is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites.
Training Includes: Regulations Overview; Safety & Health Plans; Site Characterization; Toxicology; Hazard Recognition; Chemical Awareness; Radiation Hazards; Site Control; Decontamination; Medical Surveillance; Material Sampling; Safe Work Practices; Confined Spaces; Excavation and Emergency Procedures. ***"Hands-On" Training Includes:*** Respiratory Equipment (Half & Full Face w/cartridges, PAPR, airline, SCBA), Clothing Ensembles (A, B, C & D), Foot, Face & Hand, Air Monitoring (Single & Multi-gas, PID, etc.), Portable Ventilation, Rescue & Retrieval Equipment, etc.

Certificate upon completion.

First Responder OSHA 1910.120(q)(6) Training

Training shall be based on the duties and function to be performed by each responder of an emergency response organization. The skill and knowledge levels required for all new responders, those hired after the effective date of this standard, shall be conveyed to them through training before they are permitted to take part in actual emergency operations on an incident. Employees who participate, or are expected to participate, in emergency response, shall be given training in accordance with the following paragraphs:

I. **FRAL First Responder Awareness Level *(8 Hours).*** First responders at the awareness level are individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release. **They would take no further action beyond notifying the authorities of the release.** First responders at the awareness level shall have sufficient training or have had sufficient experience to objectively demonstrate competency in the following areas (as specified in 1910.120(q)(6)(i)). *Certificate upon completion.*

Certificate upon completion.

II. **FROL First Responder Operations Level *(8 Hours).*** First responders at the operations level are individuals who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. **They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures.** First responders at the operational level shall have received at least eight hours of training or have had sufficient experience to objectively demonstrate competency in the following areas (as specified in 1910.120(q)(6)(ii)): in addition to those listed for the awareness level and the employer shall so certify. *Certificate upon completion.*

Certificate upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

First Responder *(continued)*

III. **HMT Hazardous Materials Technician *(24 Hours).*** Hazardous materials technicians are individuals who respond to releases or potential releases for the purpose of stopping the release. They assume a more aggressive role than a first responder at the operations level in that they will approach the point of release in order to plug, patch or otherwise stop the release of a hazardous substance. Hazardous Materials Technicians shall have received at least 24 hours of training equal to the First Responder Operations Level and in addition have competency in the following areas (as specified in 1910.120(q)(6)(iii)): and the employer shall so certify. *Certificate upon completion.* ***"Hands-On" Training Includes:*** Respiratory Equipment; Clothing Ensembles; Foot, Face & Hand; Air Monitoring, Portable Ventilation; Rescue & Retrieval Equipment; etc.

Certificate upon completion.

IV. **HMS Hazardous Materials Specialist *(24 Hours).*** Hazardous materials specialists are individuals who respond with and provide support to hazardous materials technicians. Their duties parallel those of the Hazardous Materials Technician, however, those duties require a more directed or specific knowledge of the various substances they may be called upon to contain. The Hazardous Materials specialist would also act as the site liaison with Federal, state, local and other government authorities in regards to site activities. Hazardous Materials Specialists shall have received at least 24 hours of training equal to the technician level and in addition have competency in the following areas (as specified in 1910.120(q)(6)(iv)): and the employer shall so certify. *Certificate upon completion.* ***"Hands-On" Training Includes:*** Respiratory Equipment, Clothing Ensembles; Foot, Face & Hand; Air Monitoring; Portable Ventilation; Rescue & Retrieval Equipment; etc.

Certificate upon completion.

HAZWOPER Refresher Training *(8 Hours)*

Those employees who are trained in accordance with paragraph (q)(6) of this section shall receive annual refresher training of sufficient content and duration to maintain their competencies, or shall demonstrate competency in those areas at least yearly. ***Training Includes:*** HAZWOPER Regulations; Safety & Health Plans; Hazardous Chemicals; Safety Hazards; Air Monitoring; Medical Surveillance; Site Control; Decontamination; PPE Equipment and Respiratory Equipment. *Certificate and wallet card upon completion.* ***"Hands-On" Training Includes:*** Respiratory Equipment, Clothing Ensembles (foot, face & hand); Air Monitoring; Portable Ventilation; Rescue & Retrieval Equipment; etc.

NOTE: *Supervised field experience (also required by OSHA) under a trained, experienced supervisor is the responsibility of the student's employer.*

Certificate upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

OSHA Training Programs

Training materials may be customized for specific audiences (fall protection, gas detection, ventilation, PPE, etc.). Certificate and Department of Labor completion cards will be given to students upon completion.

GENERAL INDUSTRY – Online or Classroom

OSHA 10-Hour Safety & Health for General Industry Training Program

Learning Objectives: This training is ideal for supervisors with safety and health responsibilities, and for employee safety and health awareness. Students will be introduced to OSHA policies, procedures and standards as well as general industry safety and health principles covered in OSHA Act Part 1910. Special emphasis will be placed on areas most hazardous using OSHA standards as a guide. *Certificate and Department of Labor completion card provided.*

This is an online or classroom program.

Certificate upon completion.

OSHA 30-Hour Safety & Health for General Industry Training Program

Learning Objectives: This training offers an expanded view of OSHA standards for General Industry. It is recommended for managers, supervisors or others who need a more detailed understanding of OSHA standards. Emphasis is placed on topics related to the most frequently cited OSHA violations. Students will be introduced to OSHA policies, procedures, and standards as well as general industry safety and health principles covered by OSHA Act Part 1910. Participants will research OSHA standards and other information. *Certificate and Department of Labor completion card provided.*

This is an online or classroom program.

Certificate and Department of Labor card upon completion.

CONSTRUCTION INDUSTRY – Online or Classroom

OSHA 10-Hour Safety & Health for Construction Training Program

Learning Objectives: This training is designed for construction workers, foreman, job supervisors and anyone involved in the construction industry. OSHA recommends the 10-hour construction outreach training program as an orientation to occupational safety and health for workers covered by OSHA 29 CFR 1926. This program is intended to provide a variety of construction safety and health training with emphasis on hazard identification. *Certificate and Department of Labor completion card provided.*

This is an online or classroom program.

Certificate and Department of Labor card upon completion.

OSHA 30-Hour Safety & Health for Construction Training Program

Learning Objectives: OSHA recommends the 30-Hour Construction Outreach Training Program as an orientation to occupational safety and health for workers covered by OSHA 29 CFR 1926. It is a comprehensive safety program designed for safety directors, foreman, and field supervisors or anyone involved in the construction industry. This training offers an expanded view of OSHA standards for the Construction Industry. Emphasis is placed on topics related to the most frequently cited OSHA violations. *Certificate and Department of Labor completion card provided.*

This is an online or classroom program.

Certificate and Department of Labor card upon completion.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

Facility Site Evaluation & Equipment Inspection Program

Represents an onsite inspection process conducted by our Occupational Safety & Health Compliance Specialist. Current OSHA regulations, ANSI Standards and manufacturer's recommendations are used to provide a detailed analysis of your facility for compliance issues. Our Facility Site Evaluation audit includes an onsite visit to your facility for the purpose of identifying possible OSHA compliance issues, and circumstances which may be hazardous to your company's employees. A written analysis of our findings along with recommendations will be provided. Includes "Hazard Survey Reports" at no additional charge.

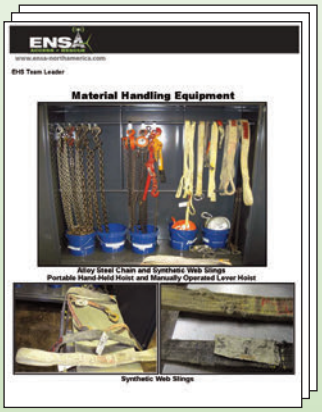
COST: *Call for details and price.*

Site Evaluation

Facility Site Evaluation:

During our Facility Site-Evaluation, we would be looking for compliance issues related to Manually Lever Operated Hoist, Overhead Chain & Wire Rope Hoist (Underhung), Hand Chain-Operated Chain Hoist, Fall Protection Equipment and Applications, Forklifts, Material Handling Equipment, (wire rope, chain & web slings, etc.), Hazard Communication (GHS labeling, open containers, etc.), Portable Fiberglass, Metal & Wood Ladders, Ladder Stands & Fixed Ladders, Stairs, Walking/Working Surfaces (floor holes & openings, leading edges, ladder way floor openings, rooftops, etc.), Permit-Required Confined Spaces (signage, etc.), Welding Equipment, Cylinder Storage,Flammable and Combustible Liquid Storage, Stumbling, Falling and Tripping Hazards, Machine Guarding, Frame, Tube & Coupler & System Type Scaffolding Systems, First Aid Kits, Eyewash Stations, Machine Guarding, etc.

Equipment Inspection Process:



Optional Proof-Tests with Documentation on Fall Protection Anchors to verify OSHA/ANSI requirements and anchor performance criteria. Call for details.

NOTE: Applicable travel/accommodation expenses will be added to all training days.

ENSA ACCESS + RESCUE

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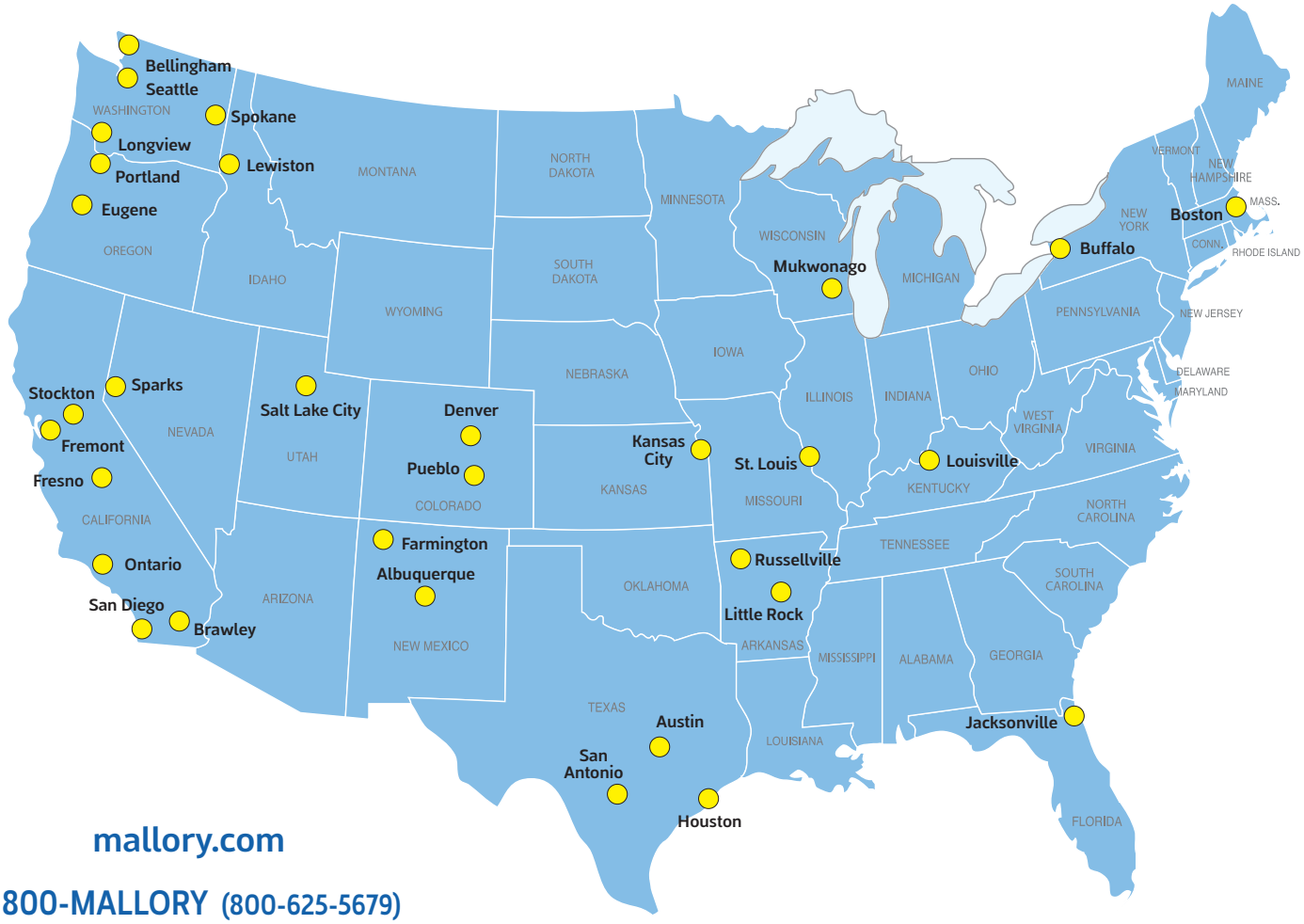

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