

CONSTRUCTION SAFETY DAY



EVENT PLANNING TOOLKIT
Overview and Guidelines for a
Safe and Successful Event.



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An Overview

Construction Safety Day (CSD) presents a tremendous opportunity to visit with instructors, vendors, and Labor & Industries (L&I) personnel to learn valuable safety skills used in the construction industry. CSD is meant to encourage everyone in the construction industry to take an interest in the safety expectations in the workplace. Participants from all over the region sign up to participate in this one-day workshop. CSD is open to high school students, apprentices, journeymen and women, contractors and working professionals.

The CSD event participants learn about Fall Protection, Crane Safety, Welding, Hazardous Materials, Scissor Lift, Excavation & Trench, Competent Person Training and the Focus Four Hazards — falls, electrocutions, struck by's and caught-in's (or between's), which account for the greatest number of fatalities in the construction industry. During lunch, participants are awarded prizes donated by private sponsors. At the workshop's completion, participants acquire a certificate of completion recognized by industry credentials and standards. Participants can earn a **scissor lift operation certification**, earn **Competent Person Certification** and accumulate hours applicable to the completion of **additional certifications** required by Occupational Safety & Health Administration (OSHA) and specific state regulations. Certifications benefit employees, amplify resumes and boost employee standings, furthering career opportunities. Participants are also instructed on further safety requirements in their field such as OSHA requirements, training and certifications offered by L&I and nationally recognized organizations.

A photograph of a man in a white shirt and dark pants standing behind a table, clapping his hands. He is in a workshop setting with a wooden wall behind him and a table with various items in front of him. A yellow triangular warning sign is visible in the foreground.

A professional crane instructor explains NCCCO certification requirements.



The Big Seven

Listed below are the certifications and/or instruction offered at a Construction Safety Day event. With the exception of excavation and trench which require a full day of instruction, classes are half day and will be offered in both morning and afternoon time slots.

Fall Protection

For workforce protection, identifying fall hazards is the first step in reducing and eliminating accidents. This class will cover the basic principles of fall protection including the proper use of anchorage connectors, body harnesses, lanyards, self retracting lifelines and horizontal lifelines. A discussion of the new developments in fall protection including the updated American National Standards Institute (ANSI) standards will take place. This class will also detail proper inspection of fall protection equipment. This protection uses a combination of these methods and devices to reduce both the likelihood and the distance of falls.

Hazardous Materials

Hazardous Materials include materials that may be: radioactive; flammable; explosive or corrosive; oxidizers or asphyxiants; biohazardous; toxic; pathogen or allergen substances. Correct disposal of these materials is extremely critical, methods may include, incineration of the waste gasses, landfill burial, scrap recovery, flushing with water, and the return of material to the original container as well as other supplier specific recommendations. A presentation will be provided covering all aspects of Oxygen/Acetylene equipment set up and safety. Professionals are subject to chemical regulations, wear protective equipment specific protective equipment and are knowledgeable about all safety precautions.

Welding

Welding, cutting, and brazing are hazardous activities that pose a unique combination of both safety and health risks to more than 500,000 workers in a wide variety of industries. Correct procedures and usage of Personal Protective Equipment (PPE) such as safety glasses, welding hoods and gloves can greatly reduce these hazards. A presentation will encompass PPE related to welding, confined spaces and other related industry topics providing each attendee with a PPE check list for reference.

Scissor Lift

A scissor lift is a type of platform situated on a motorized wheel base which can only be extended vertically. The use of linked, folding supports in a criss-cross 'X' pattern achieves upward motion by applying of pressure to the outside of the lowest set of supports, elongating the crossing pattern, and propelling the work platform straight up. Because the lift is mobile and can reach great heights, safety training is necessary for all potential operators. Upon successful completion participants will receive an operator certification card. This course meets or exceeds state and federal requirements as well as pertinent ANSI standards.



Crane Safety

Moving large and heavy loads is crucial to today's manufacturing and construction industries. Washington's new crane legislation will be explained and an overview of the National Commission for the Certification of Crane Operators (NCCCO) process. This event provides examples of written testing and live demonstrations of the practical testing (boom truck course). A significant amount of technology has been developed for these operations, including careful training and extensive workplace precautions. There are significant safety issues to be considered, both for the operators of the diverse "lifting" devices and for workers in proximity to them.

Excavation and Trench

Trenching and Excavation is an all day class. Cave-ins are perhaps the most feared trenching hazard as well as other potentially fatal hazards including, asphyxiation due to lack of oxygen in a confined space, inhalation of toxic fumes, drowning, etc. Electrocution or explosions can occur when workers contact underground utilities. Participants must be able to demonstrate competency in determining soil types and an understanding of excavation protective systems. Everyone in the construction industry must be familiar with all trenching and excavation safety rules.

*This course does not replace courses specifically designed to cover OSHA and/or state-specific training requirements.

Focus Four Hazards

Construction workers comprise approximately 6% of the U.S. workforce, and represent more than 20% of annual job-related fatalities. The "Focus Four" continues to contribute to the greatest number of preventable fatalities in the construction industry. They are:

- Falls
- Electrocutions
- Struck-by's
- Caught-in's or caught-between's

Injuries and fatalities associated with the Focus Four hazards are preventable and occur when the guidance for the standards are not followed. It is imperative that additional safety emphasis be placed on the Focus Four hazards in construction. The safety and health programs contain provisions to protect workers from the Focus Four hazards on the job.



Basic crane instruction and NCCCO requirements are offered at CCD.

Safety First

The presentation and continuation of the event is secondary to safety as it is an integral part of the event. An accident is not necessary to breach health and safety laws. In planning and managing the event, safety takes precedence over all other aspects and is never an afterthought.

All participants and guests operating tools or equipment are required to wear hard hats, safety glasses, earplugs (hearing protection can be optional for some activities), closed toe shoes or boots and full-length pants. This should be reinforced by notifying participants, guests, organizers and instructors they will not be allowed to participate if they are not in compliance with all rules.

Professional instructors work one-on-one with CSD participants.



Get the Word Out

A newsworthy press release leads to great publicity that can be used in community relations efforts. Positive media coverage is a direct result of press releases sent to local media outlets. Construction Safety Day (CCD) can peak the interest of local media and solidify coverage of the event. A simple story with digital hi-resolution (300 dpi) photos covering the event's background and purpose should be presented in person or sent directly to editors of local newspapers, magazines, TV, and radio stations. Attempt to schedule reporters and news organizations for the event. Oftentimes, the appearance of political figures and other significant persons in the community can create incentive for coverage. Publicity of smaller local media such as school papers and community cable channels should not be overlooked. It is best to send press releases and other information to a specific someone rather than the general front desk.

Participants can sign up for the event online at their state's Labor & Industries (L&I) or approved partner's website. Below is a media consent form required by Washington state for photos to be taken and used of participants and guests in the event. Forms can be signed the day of the event and returned to workshop organizers. Each state may have additional requirements for this event. For additional information refer to a local L&I web site. The links below provide helpful forms and registration info.



Sign-up

Click the icon for an online example of registration for the event.

Media

Consent Form

Click the icon for an example media consent form.

Event Poster

This link provides successful "Construction Safety Day" poster of a previous event. Ensure these are readily available, not only do they advertise the event to students, but are also useful in solidifying prospective sponsorship.

Sample Event Poster

Click on the icon for a sample event poster.

A detailed poster for Construction Safety Day. The top features the event title in large, bold, black and white letters with a yellow and black striped background. Below the title, it says "Classes are free! Free door prizes! Free Lunch!". The event date is "SATURDAY NOVEMBER 07, 2009" at the "SCC Apprenticeship & Journeyman Training Center". It lists "All Day Session" from 8:00 a.m. to 3:30 p.m. and "Half Day Sessions" from 8:00 a.m. to 11:30 p.m. and 11:30 a.m. to 12:30 p.m. The poster lists several classes: "EXCAVATION & TRENCH COMPETENT PERSON TRAINING", "CRANE OPERATOR CERTIFICATION REQUIREMENTS", "FALL PROTECTION", "SCISSOR LIFT CLASS", "WELDING SAFETY & CONSTRUCTION HEALTH HAZARDS", and "FOCUS FOUR HAZARDS". It also mentions "Class sizes are limited to the first 25." and "Reserve your spot today." with contact information for Chris Toederman. The bottom of the poster features logos for sponsors including Washington State Department of Labor & Industries, Spokane Public Schools, Coast Crane Company, United Rentals, Star Rentals, Inland Northwest ACC, and others.

Special Thanks to:



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