

## **Minimum Safety Requirements for Engineering Department Contractors**

The safety of personnel, property, rail operations, and the public is of paramount importance in the prosecution of the work pursuant to this agreement. As reinforcement and in furtherance of overall safety measures to be observed by the “Contractor” and “Employees” as used in this document refer to all employees of the contractor as well as all employees of any subcontractor.

### **Clothing**

All employees of the Contractor will be suitably dressed to perform their duties safely and in a manner that will not interfere with their vision, hearing or free use of their hands or feet. Specifically, the Contractor’s employees must wear:

- Waist length shirts with sleeves.
- Trousers that cover the entire leg. If flare-legged trousers are worn, the trouser bottoms must be tied to prevent catching.
- Footwear that covers their ankles and has a defined heel. Employees working on bridges are required to wear safety-toed footwear that conforms to the American National Standards Institute (ANSI) and Federal Railroad Administration (FRA) footwear requirements. Employees shall not wear boots (other than work boots), sandals, canvas –type shoes, or other shoes that have thin soles or heels that are higher than normal.

Employees must not wear loose or ragged clothing, neckties, finger rings, or other loose jewelry while operation or working on machinery.

### **Personal Protective Equipment**

The Contractor shall require its employees to wear personal protective equipment as specified by Railroad rules, regulations, or the railroad’s employee in charge (EIC). In particular, the protective equipment to be worn shall be:

- Hard hat that meets the American National Standards Institute (ANSI) Z89.1 – latest revision. Hard hats should be affixed with the contractor’s company logo or name.
- Eye protection that meets the ANSI standard for occupational and educational eye and face protection, Z87.1 – latest revision. Additional eye protection must be provided to meet specific job situations such as welding, grinding, etc.
- Hearing protection that affords enough attenuation to give protection from noise levels that will be occurring on the job site. Hearing protection, in the form of plugs or muffs, must be worn when employees are within:
  - 100 feet of a locomotive or roadway/work equipment
  - 15 feet of power operated tools
  - 150 feet of jet blowers or pile drivers
  - 150 feet of retarders in use ( when within 10 feet, employees must wear dual ear protection – plugs and muffs)

Other types of personal protective equipment, such as respirators, fall protective equipment, and face shield, must be worn as directed by the railroad’s EIC.

## **On-Track Safety**

The Contactor is responsible for compliance with the Federal Railroad Administration's Roadway Worker Protection regulations (49 CFR214, Subpart C) and Watco's On-Track Safety Rules. Under 49CFR214, Subpart C, railroad contractors are responsible for the training of their employees on these regulations, all contractor employees must:

- Maintain a distance of at least 25 feet to any track unless the railroad's EIC is present to authorize movements.
- Wear an orange, reflectorized vest or similar orange, reflectorized workwear approved by the railroads EIC.
- Participate in a job briefing that will specify the type of On-Track Safety for the type of work being performed. Contractors must take special note of limits of track authority, which tracks may or may not be fouled, and clearing the track. They will also receive special instructions relating to the work zone around machines and minimum distances between machines while working and traveling.

## **Equipment**

It is the responsibility of the Contractor to ensure that all equipment is in a safe condition to operate. If, in the opinion of the railroad's EIC, any of the Contractor's equipment is unsafe for use, the Contractor shall remove such equipment from the railroad's property. In addition, the Contractor must ensure that:

- The operators of all equipment are properly trained and competent in the safe operation of the equipment. In addition, operators must be:
  - Familiar and comply with Watco's rules on lockout/tagout of equipment.
  - Trained in and comply with the applicable operating rules if operating any hy-rail equipment on-track.
  - Trained in and comply with the applicable air brake rules if operating any equipment that moves rail cars or any other railbound equipment.
  - The operator's manual, which includes instructions for safe operation, must be kept with each machine.
  - All self-propelled equipment is equipped with a first aid kit, fire extinguisher, and audible back-up warning device.
  - Unless otherwise authorized by the railroad's EIC, all unattended equipment is parked a minimum of 25 feet from any track and a minimum of 250 feet from any road crossing. Before leaving any equipment unattended, the operator must stop the engine properly secure the equipment against movement.
  - Cranes are equipped with three orange cones that will be used to mark the working area of the crane and the minimum clearance dot overhead power lines. All overhead lines are considered to be high voltage.
  - All moves are well communicated and coordinated with other employees at the job site. Emergency signals to stop movements made by given by anyone.

## General Safety Requirements

The Contractor shall keep the job site free from safety and health hazards and ensure that its employees are competent and properly trained in all safety and health aspects of the job. Specifically, the Contractor must ensure that:

- The railroad is promptly notified of any reportable injury (as defined by the U.S. Occupational Safety and Health Administration) to an employee that occurs during the performance of work at the job site.
- The railroad is promptly notified of any damage to railroad property.
- Employees do not use, be under the influence of, or have in their possession any alcoholic beverage or illegally obtained drug, narcotic, or other substance while on railroad property.
- All waste is properly disposed of in accordance with applicable federal and state regulations. No open fires are permitted on railroad property.
- All contractor's vehicles stop at all railroad crossings to ascertain the way is clear.
- All employees participate in and comply with any job briefings conducted by the railroad's EIC. During these briefings, the railroad's EIC will specify safe work procedures (including On-Track Safety), the potential hazards of the job, and Emergency Response Procedures. If any participant has questions or concerns about the work, he/she must voice them during the job briefing. Additional job briefings will be conducted during the work as conditions, work procedures, or personnel change.
- All track work performed by the Contractor meets the minimum safety requirements established by the Federal Railroad Administration's Track Safety Standards 49CFR213.
- All excavations, holes, and trenches are protected to prevent injuries to other workers, railroad employees, or the public.
- All employees comply with the following safety procedures when working around any railroad track:
  - Always be on the alert for moving equipment. Employees must always expect movement on any track, at any time, in either direction.
  - Do not step or walk on the top of the rail, frog, switches, guard rails, or other track components.
  - In passing around the ends of standing cars, engines, roadway machines or work equipment, leave a least 20 feet between yourself and the end of the equipment. Do not go between pieces of equipment if the opening is less than one car length (50 feet).
  - Avoid walking or standing on a track unless authorized by railroad's EIC.
  - Before stepping over or crossing tracks, look in both directions first.
  - Do not sit on, lie under, or cross between cars except as required in the performance of your duties and only when equipment has been protected against movement and authorized by the railroad's EIC.
  - No tools or materials are left close to the track when trains are passing.
  - All employees comply with all federal and state regulations concerning workplace safety.

WATCO Companies INC is committed to providing the safest workplace possible for our employees, our Contractor's employees, and the public. Adherence to these minimum safety requirements plus additional instructions at the job site, will help to ensure an injury-free project. The railroad employee in charge is authorized to take any actions necessary to prevent injuries to any person, damage to railroad property, or disruption of railroad operations.

**WATCO Companies INC**

**SAFETY IS MY RESPONSIBILITY**