

Safety Orientation

A safety program containing a general safety overview and safe work practices will be conducted during the scheduled competitor orientation. **Attendance is mandatory for all competitors.**

Safety Task Analysis

Competitors will be instructed on how to fill out the STA and will be graded on accuracy, completeness, and job planning.

NCC Nine

The NCC Nine will be covered in detail with the competitors.

Personal Protective Equipment

All personal protective equipment must be appropriate for task and meet current ANSI standards, which have been incorporated into the Occupational Safety and Health Administration PPE regulations as follows: Eye and Face Protection ANSI Z87.1; Head Protection ANSI Z89.1; and Foot Protection ANSI Z41.1. There are no ANSI standards for gloves; however, selection must be based on the performance characteristics of the glove in relation to the tasks to be performed. During the practical performance test, **ABC National will provide and require** the proper use of the following personal protective equipment for all competitors:

- Ear protection
- Safety glasses and face shields
- Hard hat (except for welders)
- General work gloves

In addition, fire extinguishers are available during all soldering and brazing operations. Also, platform ladders and cut-resistant sleeves are available to competitors.

Exceptions to the provided PPE, with prior approval from the respective project manager, are:

- Prescription safety glasses with side shields
- Prescriptive goggles
- Task-specific gloves per industry standards, designed to protect against sharp edges or high heat

The safety scope for the pipefitting competition will be explained to the competitors on the floor during the site orientation.

Competitors will be handling material; working with vises; cutting pipe with an electric bandsaw or a threading machine; grinding pipe with a 4-inch electric grinder; threading pipe with a threading machine; fitting pipe while connections are being tack welded; and making threaded connections, using hand tools such as: pipe wrenches, hammers, combo wrenches and Channel locks. All of

etc. Depending on the severity and/or frequency of a violation or violations, the judges, in consultation with the project manager, have the authority to disqualify competitors.

Note: Competitors continue to be judged during disassembly/cleanup activities and are subject to disqualification or deduction of points for safety violations.

First Aid

All injuries should be reported to the project manager immediately. The project manager will determine the appropriate action, including assistance from onsite EMT personnel.

Smoking and Tobacco Procedures

Smoking is only permitted during breaks, and you will be escorted to a pre-determined location. There will be no smokeless tobacco allowed during the competition. E-cigarettes and vapor cigarettes will follow the same procedures. The project manager will go over the location of the restrooms.

Emergency Evacuation and Exits

At your site orientation, your project manager will go over the emergency evacuation and meeting location plan, the exits and fire extinguishers.