

2025 Pipe Welding Safety Scope

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

The STA will be discussed during site orientation. 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.

Personal Protective Equipment

During the practical performance test, **ABC National will provide and require the proper use of the following personal protective equipment for all competitors.**

Face shield and safety glasses (clear); ear protection must be properly worn while grinding and buffing

Safety glasses; if needed over glasses will be provided

Hard hat (Bring your own hard hat)

gauntlet gloves.)

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

Prescription safety glasses with non-removable side shields. Must meet ANSI Z87.1 standards.

Competitors must provide and use the following:

Standard work shoes or boots (tennis shoes, sneakers or sandals are not permitted)

Blue jean pants or work pants

Long-sleeve, 100% cotton shirt (baggy or excessively loose-fitting clothing is not permitted)

Safe Work Practices

For welding and oxy-fuel cutting, the following must be in place:

Guards and handles must be in place and secured on all grinders.

Cell Phones

No cell phones are permitted before, during or after the competition.

Jewelry and Personal Grooming

Exposed jewelry is not permitted. Examples include (but are not limited to):

Earrings (stud or dangling)

Wrist watches

Rings

Studs exposed through the nose, jaw, lip, eyebrow or any part of the body that is visible

Gauges

Long hair must be contained (under a hat or hairnet)

Hand Tool and Power Tools

The project manager will also talk about the use of the proper hand tools, i.e., hand saw, coping saw, keyhole saw, hammer, chisels and pry bars and utility knife.

The project manager will go over the proper use of the power tools needed for your projects, i.e., miter box, circular saw, drill and impact driver. **Please visit the link(s) below to review the operators' manuals.** Always use your tools in the manner that the manufacturer intended.

[Milwaukee Cordless Grinder](#)

Safety Judging

Prior to the practical performance test, the competition project manager or judges may inspect each

First Aid

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

Smoking and Tobacco Procedures

Smoking is only permitted during breaks and you will be escorted to a pre-determined location. Smokeless tobacco also is prohibited during competition. E-cigarettes and vapor cigarettes will follow the same procedures for smoking. The project manager will go over the location of the restroom.

Emergency Evacuation and Exits

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