

# Welding & Welding Fabrication

## State Contest Information

---

### DATE, TIME AND LOCATION

**Skill Contest** – The 2014 State SkillsUSA Welding Skill Championships will be held on Sunday, April 27<sup>th</sup> and Monday, April 28<sup>th</sup> at the Pipeliners Union Local 798 Training Facility(4823 S. 83<sup>rd</sup> E. Ave. Tulsa, OK 74145). Instructors need to arrive with their students at 12:00p.m., sharp the afternoon of the 27<sup>th</sup>. Parking and entrance will be on the West side of the facility and the entrance will be clearly marked. **All students shall be equipped and ready to cut and weld both days.** This is a two day contest: Sunday afternoon and Monday.

**Contestant Resumes** All contestants will be required to submit a typed resume. If any contestant does not submit a resume to the contest chair, penalty points will be assessed.

**Testing** - The Professional Development and written exams will be given online March 10- April 21, 2014.

### TRANSPORTATION

Transportation to and from the contest site must be provided by the instructor or other school official. There **will not** be any shuttles provided at any time during this conference.

### DINNER and LUNCH

There will be no lunch or dinner provided during the contest. Students may want to bring money for drinks and snacks out of the vending machines.

### CLOTHING REQUIREMENTS

As in the past, skill contestants will not be penalized for not adhering to national clothing requirements. Contestants should **not** wear clothing that has school identification visible to the judges. Any contestants wearing program uniforms will need to cover all identifying patches/labels/tags. **Safety equipment is mandatory. Clothing must be clean.**

### AWARDS CEREMONY

Contest winners will be recognized during the Awards Assembly at 9:00 a.m. on Tuesday, April 29<sup>th</sup> in the Tulsa Convention Center. Official SkillsUSA attire is required. According to the SkillsUSA Championships Technical Standards official clothing requirements are as follows: "*For men:* SkillsUSA official attire: Official red blazer or jacket, black trousers, white dress shirt, plain black tie with no pattern or official SkillsUSA tie from Midwest Trophy, black socks and black shoes. *For women:* Official red blazer or jacket, black dress slacks or skirt, with businesslike white, collarless blouse or white blouse with small, plain collar that may not extend onto the lapels of the blazer, black sheer or skin-tone hose and black dress shoes." Any contest winner who is not in official SkillsUSA attire will not be permitted on stage. The student will be escorted behind the stage to receive his or her medallion and awards. The awards ceremony is the "**Showplace**" of our state conference, and many industry guests and VIP's are invited to present medallions and honor our students.

## INDUSTRY AWARDS

Again your assistance is needed to obtain industry awards for the welding contest winners. Industry awards should be labeled with the names and addresses of the award suppliers and taken to the **Industry Award Check-in area in the Arena at the Convention Center on Monday, April 28, 9:00 a.m. – 5:00 p.m.**

**Awards will be contingent on what instructors bring.**

## RULES AND REGULATIONS

From this competition, we will select a contestant to represent Oklahoma at the United States Skill Championships. Therefore, we will follow the national rules, regulations, and contest content as closely as possible. We want our contestants to be prepared to compete at the national level.

## PERSONAL PROTECTIVE GEAR REQUIREMENTS, TOOLS and MATERIALS LIST

Contestants will be allowed to utilize the following gear and tools:

Gear Requirements:

- Safety glasses (clear)
- Ear Plugs (optional)
- Welding hood (additional filter and cover lens)
- Welding cap
- Gloves (SMAW, GMAW, GTAW, FCAW, Oxy/Act Cutting)
- Cotton shirt (not flannel, no holes)
- Cotton pants (no frays or ragged looking pants allowed)
- Leather sleeves and bib
- Leather boots (at least ankle height or higher, steel toed)
- Cutting goggles (must fit closely to face – safety glasses are not cutting goggles)

Tool Requirements:

- Chipping Hammer
- Wire brush carbon steel and stainless steel brush
- File
- Slag hammer
- Center Punch
- Needle nose pliers/wire cutters
- Regular pliers/vise grips
- Tip cleaners
- Soap stone/marker
- Tape measure
- Square/combination square
- Striker
- Compass

NOTE: All gear and tools **shall not** have the name of the contestant or the school name visible. No templates are allowed. All cutting is to be freehand. No power grinding or buffing except on welding fab competition where it will be welded over (See welding fab competition update).

# State Welding Contest 2014

## AGENDA

### April 27 - Sunday

12:00-12:30pm Contestant Registration

1:00-2:00pm Contestant Meeting

2:00 pm **Contest starts: Pipeliners Union Local 798 Training Facility  
4823 S. 83<sup>rd</sup> E. Ave  
Tulsa, OK 74145**

Contestants need to be wearing their registration numbers.  
Contestants need to be ready to cut and weld at this time.  
Do not go to a booth or cutting area until you are told to do so by a judge.  
You will be given a group number designating your first event.  
Bring your state required one page resume to be turned in at this meeting.

7:00pm Finish for day 1

### April 28 - Monday

**Contest continues: Pipeliners Union Local 798 Training Facility  
4823 S. 83<sup>rd</sup> E. Ave  
Tulsa, OK 74145**

7:30 am Arrive—Short meeting. Judge assigns booths.

8:00 am Begin Contest. Time includes machine setup and machine exchange.

***All contest help clean-up after competition is completed.***

#### ADDITIONAL ITEMS TO BRING:

- Please bring 3/32" tungsten prepped and ready to go for mild steel for the welding competition only. Contestants need enough tungsten for Sunday night and some for Monday. Contestants that do not bring tungsten prepped will have to use their contest time to grind. There will be a pedestal grinder available.
- Contestants will use their own tungsten but need to leave all accessories (collets, collet bodies, nozzles, and backcaps) in place at each torch. Provided at each air cooled machine/booth will be a PTA-17V torch with standard Collet, Collet Body, Alumina Nozzle and Long Backcaps.

#### NOTES:

- Only authorized personnel are allowed in the contest area before and during the contest. Instructors, other than the State Host (Thornhill/Hollabaugh) for equipment failure, are prohibited from all designated contest areas and are not allowed to provide any type of assistance to contestants during the contest. There will be a holding room designated for the instructors.
- It is very important to weld out project according to welding procedures. Contestants that do not weld project according to procedure will not receive points for that weld and are subject to disqualification.
- Proctors will be inspecting your weld positions/procedures as you go and CWI's will be judging your projects.