SkillsUSA Texas Welding competition
02/14/2020
Industrial Welding Academy
11001 Wallisville Rd, Houston, TX 77013

All coupons must be prepped clean and tacked ready to weld. There will be a lot of students competing it is very important that the students are ready to begin welding once in the booth. SkillsUSA Texas is providing the materials. I will bring material that will replace the material you are using for the contest. The material will not be beveled or clean it is new untouched material. You will need to bring in your own tools such as chipping, hammers, wire brushes, grinders etc. IWA will not provide tungsten for TIG welding. Please be there as soon as possible so that we can start around 8AM.

Welding Applications

- 2F horizontal T-joint
- 6010 pass both sides
- 2 bead 7018 cap 1 side
- T-joint dimensions 8X2X¾

Welding I

1st weld

- 1G flat V-groove
- 6010 root and hot pass
- 7018 fill and cap 2 BEAD CAP
- V-groove dimensions 8X4X3/8

2nd weld

- 3F vertical T-joint
- 6010 root pass both sides
- 7018 WEAVE CAP
- T-joint dimensions 8X2X¾

Welding

STICK

- 3G vertical V-groove
- 6010 root and hot pass
- 7018 fill and cap 2 BEAD CAP
- V-groove dimensions 8X4X3/8

MIG

- 3G vertical V-groove
- ER70S6 0.35 downhill root pass
- ER70S6 0.35 uphill FILL and CAP
- Weave CAP
- V-groove dimensions 8X4X3/8

TIG

- 3G vertical V-groove
- ER70S6 root and hot pass
- ER70S6 fill and cap 2 BEAD CAP
- V-groove dimensions 8X4X3/8
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Welding Fabrication Team

- Hibachi
- 3 Man teams
- Build the project according to print below:

Welding Art Sculpture

Sculptures will be judged at a different location. I update the information soon.