Hello All-

We are officially one week from the competition!

With this being said, there has been some slight adjustments in regarding our weld competition and additional updates. Please see below:

**Pre-Meeting:** 4:30 PM – 5:00 PM

**Contest:** 7 AM – 12:45 PM

**Location:**

SLCC Welding Lab

1060 N. Flyer Way

Salt Lake City, UT 84116

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| **2022 Skills Welding Schedule** | | | | | | | | |
|
|  | **Tack** | **FCAW** | **GMAW** | **SMAW** | **Written Test** | **GTAW** | **OFC** | **BREAK** |
| **7:00 - 7:10 AM** | **WELCOME! Introductions, Site Host, Sponsors, & Judges** | | | | | | | |
| **7:10 - 7:30 AM** | **Drawing Review** | | | | | | | |
| **7:35 - 8:05 AM** | 1 to 8 |  |  |  | 17 to 24 | 9 to 12 | 13 to 16 | 25 to 27 |
| **8:10 - 8:40 AM** | 9 to 16 | 1 to 8 |  |  | 25 to 27 | 17 to 20 | 21 to 24 |  |
| **8:45 - 9:15 AM** |  | 9 to 16 | 1 to 8 |  |  | 25 to 27 | 17 to 20 | 21 to 24 |
| **9:20 - 9:50 AM** |  |  | 9 to 16 | 1 to 8 |  | 21 to 24 | 25 to 27 | 17 to 20 |
| **9:55 - 10:25 AM** | 17 to 24 |  |  | 9 to 16 |  |  |  | 1 to 8, 25 to 27 |
| **10:30 - 11:00 AM** | 25 to 27 | 17 to 24 |  |  | 1 to 8 |  |  | 9 to 16 |
| **11:05 - 11:35 AM** |  | 25 to 27 | 17 to 24 |  | 9 to 16 | 1 to 4 | 5 to 8 |  |
| **11:40 - 12:10 PM** |  |  | 25 to 27 | 17 to 24 |  | 5 to 8 | 1 to 4 | 9 to 16 |
| **12:15 - 12:45 PM** |  |  |  | 25 to 27 |  | 13 to 16 | 9 to 12 | 17 to 24, 1 to 8 |

**Contest:**

We have an update widget design which will include one steel widget that includes FCAW,SMAW, and GMAW welds. One aluminum widget that will be welded GTAW and one steel plate to be cut with OFC. Below are the thicknesses of material:

|  |  |
| --- | --- |
| **Material Thickness** | **In.** |
| GTAW-Aluminum | .125" |
| FCAW- Steel | .25" |
| SMAW-Steel | .25" |
| GMAW- Steel | .25" |
| OFC- Steel | .5" |

In addition, below is the following filler metal that will be used:

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| --- |
| **Filler Metal** |
| 3/32" ER4043 |
| .045" E71T-M |
| .035" ER70S-6 |
| 1/8" E7018 |
| 1/8" E6010 |

The types of machines that will be provided are:

-Flextec 350X/LN25X Feeder

-Flextec 350X/LF72 Feeder

-Lincoln Power Wave C300

-Miller Dynasty 280

**Judging**

The below sheets outline the form of judging we will be done for the contest. The exact criteria might be abbreviated versions or modified slightly to fit our widget and welds, but will follow the same “YES” / “NO” template. In addition, we will be spot checking during the welding contest for appropriate WFS, amps, volts, and proper safety



