



## 2019 TEXAS RICE FESTIVAL WELDING CONTEST

Please make plans to attend the Texas Rice Festival Welding Contest. We need and look forward to your participation. Our goal is to provide an opportunity for the youth of Southeast Texas to exhibit their skills. We will promote friendly competition.

**CONTEST DATE: WEDNESDAY, October 2, 2019**

**PLACE: Lamar Institute of Technology-Lamar University, Beaumont**

**TIME: Registration 8:00 am  
Start Time 9:00 am**

**Judging will follow directly after contest. Awards will be presented at LIT. Winners will also be announced at the Texas Rice Festival on Saturday, October 5, 2019.**

**LIT is a tobacco free campus, no tobacco on this campus.**

### GENERAL RULES

1. **Entry Deadline is on September 10, 2019.** Individual Welding Entry Fee is \$5.00 per individual welding contestant.
2. Each School will be limited to 5 Jr. division welders and 5 Sr. division welders (Max 10 competitors from each school).
3. All safety rules will be observed.
4. Contestants will provide shields, safety clothing and glasses.
5. Contestants will be allowed five (5) minutes to get familiar with machines. (Advisors may be present.)
6. Time will be kept and Announced for the (5) minute's setup and 20 minutes weld periods by a TRF Committee Member.
7. Actual welding on competition coupon will take Twenty (20) minutes.
8. Each contestant will be assigned a skill and competition number (pre-stamped) on all coupons.
9. All contestants must clean shop and welding stations.
10. Observers will not be allowed in the competition area.
11. Contestants will be divided between two divisions, JR division 9<sup>th</sup> and 10<sup>th</sup> graders, SR division 11<sup>th</sup> and 12<sup>th</sup> graders.

**Material:** A-36 Mild Steel  
**Thickness:** 3/8"  
**Position:** T-Joint 3/8" Fillet Weld Both Sides  
**Electrode:** E6010 (1/8") & E7018 (3/32")  
**Electrical Characteristics:** Current D.C. Polarity Reverse

There will be two classes. They are as follows:

**Class 1 – 9<sup>th</sup> & 10<sup>th</sup> Graders:** welding will be done in the flat position

**Class 2 – 11<sup>th</sup> & 12<sup>th</sup> Graders:** welding will be done in the uphill position

### JUDGING

All welding will be judged on general weld appearance including:

- |                                                               |                                  |
|---------------------------------------------------------------|----------------------------------|
| A. under Cuts                                                 | 20 points                        |
| B. Bead Appearance                                            | 20 points                        |
| C. Size                                                       | 20 points                        |
| D. Ripples                                                    | 20 points                        |
| E. Porosity                                                   | 20 points                        |
| F. Failure to wear safety glasses or goggles during the event | will result in disqualification. |

### AWARDS

<u>JR Division</u>	<u>SR Division</u>
1 <sup>st</sup> Place-Buckle	1 <sup>st</sup> Place-Buckle
2 <sup>nd</sup> Place-Awards	2 <sup>nd</sup> to 10 <sup>th</sup> Place
3 <sup>rd</sup> Place-Awards	Awards

**STUDENTS MUST BRING:** Welding Hood, Chipping Hammer, Wire Brush, Gloves, & Safety Glasses

**TEXAS RICE FESTIVAL WELDING CONTEST  
ENTRY FORM**

.....  
There will be a \$5.00 entry fee for each student entered.

School Name: \_\_\_\_\_

Number of Students: \_\_\_\_\_

Total Amount Due: \_\_\_\_\_

Students Names – 9<sup>th</sup> & 10<sup>th</sup> Graders  
(JR. Division)

Students Names – 11<sup>th</sup> & 12<sup>th</sup> Graders  
(SR. Division)

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Signature of Ag Teacher



## Texas Rice Festival Welding Contest JR Division

### Horizontal



- 1) Jr. Division will weld both sides with a 1/8 E6010 (two welds with E6010)
- 2) Jr. Division will cap the worst of two welds with a 3/32 E7018 (one weld with E7018)

## Texas Rice Festival Welding Contest SR Division

### Vertical



- 1) Sr. Division will weld both sides with a 1/8 E6010 (two welds with E6010)
- 2) Sr. Division will cap the worst of two welds with a 3/32 E7018 (one weld with E7018)