



2017 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 4, 2017

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 7, 2017.

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

GENERAL RULES

1. **Entry Deadline is on September 12, 2017.** 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 9th and 10th graders, SR division 11th and 12th 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 – 9th & 10th Graders: welding will be done in the flat position

Class 2 – 11th & 12th 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 st Place-Buckle | 1 st Place-Buckle |
| 2 nd Place-Awards | 2 nd to 10 th Place |
| 3 rd Place-Awards | Awards |

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

**TEXAS RICE FESTIVAL WELDING CONTEST
ENTRY FORM**

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

School Name: _____

Number of Students: _____

Total Amount Due: _____

Students Names – 9th & 10th Graders
(JR. Division)

Students Names – 11th & 12th Graders
(SR. Division)

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)