# ARKANSAS ELITE WELDING ACADEMY

# WELDING COMPETITION

# **APRIL 12, 2024**

#### **Arkansas Elite Welding Academy**

333 Rosebud Rd, Quitman, AR 72131 Questions? Call/Text Hunter Sherman, 501-556-7577

Register at arkansasewa.com

# ARE YOU READY TO COMPETE TO BE ELITE?



- Annual Welding Competition for High School Seniors!
- Registration deadline: March 31, 2024
- \$25 materials fee for each participant (paid at time of registration)
- Each student can register to participate one time

Register at www.arkansasewa.com

#### **RULES**

- Competitor shall wear all mandatory PPE (Personal Protective Equipment).
- Competitors will choose Structural OR Pipe Coupon and can compete one time only.
- Only hand tools will be allowed. No electric, pneumatic, or rotating equipment.
- Student will be given 1 hour to complete weld test, including practice time.
- Competitor is allowed to receive help from an instructor on the practice side of the test coupon. Once welding on the test side has started, no further help is allowed.
- When weld is complete, an instructor will take the test coupon to the judging area where it will be VT'd (visual tested) by CWIs (Certified Welding Inspectors).

#### **SCHEDULE**

#### **ROUND 1**

Sign in: 8:00am - 8:45am Competition: 9:00am - 10:15am

#### **ROUND 2**

Sign in before 10:00am Competition: 10:45am - 12:00pm

#### LUNCH

12:00pm - 1:00pm

#### **SHOP TOURS**

12:00pm & 12:30pm Gather outside, east side of the shop

#### **ROUND 3**

Sign in before 1:00pm Competition: 1:15pm - 2:30pm

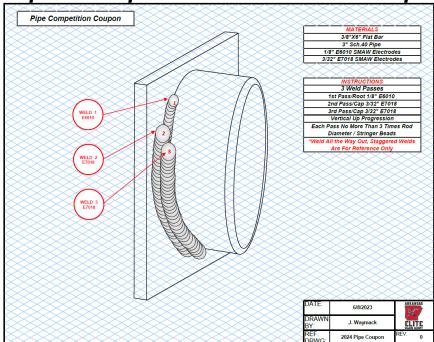
#### **AWARDS TO FOLLOW**

at approximately 3:30pm

#### **NEW FOR 2024: CHOOSE YOUR COUPON\***

## PIPE COUPON

Top 10 Competitors receive scholarships!



\*When you register online to compete, you will choose a competition time only. You will then be mailed a packet with information on how to select your competition coupon.

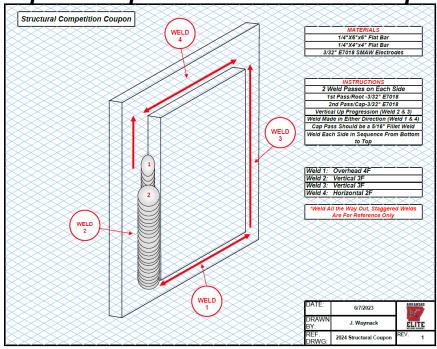
MATERIALS	
3/8"X6" Flat Bar	
3" Sch.40 Pipe	
1/8" E6010 SMAW Electrodes	
3/32" E7018 SMAW Electrodes	

INSTRUCTIONS
3 Weld Passes
1st Pass/Root 1/8" E6010
2nd Pass/Cap 3/32" E7018
3rd Pass/Cap 3/32" E7018
Vertical Up Progression
Each Pass No More Than 3 Times Rod
Diameter / Stringer Beads

\*Weld All the Way Out, Staggered Welds Are For Reference Only

## STRUCTURAL COUPON

Top 10 Competitors receive scholarships!



MATERIALS
1/4"X6"x6" Flat Bar
1/4"X4"x4" Flat Bar
3/32" E7018 SMAW Electrodes

INSTRUCTIONS
2 Weld Passes on Each Side
1st Pass/Root -3/32" E7018
2nd Pass/Cap-3/32" E7018
Vertical Up Progression (Weld 2 & 3)
Weld Made in Either Direction (Weld 1 & 4)
Cap Pass Should be a 5/16" Fillet Weld
Weld Each Side in Sequence From Bottom
to Top

	Overhead 4F
Weld 2:	Vertical 3F
	Vertical 3F
Weld 4:	Horizontal 2F

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#### **TOOLS AND PPE**

Leather Work Boots

Cotton or FR Jeans/Pants free of holes, rips, and/or tears
Cotton or FR Long Sleeve Welding Shirt free of holes, rips, and/or tears
Welding Hood\*\*\*
Chipping Hammer\*\*\*
Wire Hand Brush\*\*\*

Ear Plugs\*\*\*
Leather Welding Gloves\*\*\*

\*Available to borrow at the Arkansas Elite Tool Room