Pipe Welding Certificate: Program Outcomes

Upon successful completion of this program, graduates will be prepared to:

1. Evaluate potential hazards and apply procedures to maintain workplace safety.
2. Analyze job requirements and plan work activities to meet customer needs.
3. Select and operate tools and equipment to support welding and related activities.
5. Properly align and fit up pipe for welding.
6. Perform Shielded Metal Arc Welding on various pipe sizes to industry standards and pass the ASME 6G Schedule 80 6” Pipe Welding Certification.
7. Perform Gas Tungsten Arc Welding on various pipe sizes to industry standards and pass the ASME Schedule 80 4” Pipe Welding Certification.
8. Evaluate work quality and generate recommendations for continuous improvement.
9. Prioritize work assignments and use time management skills effectively.
10. Apply problem solving and decision making skills to overcome obstacles in completing objectives.
11. Be successfully employed in the field.
12. Demonstrate technical skills to the satisfaction of their employers.