



APPRENTICESHIP PROGRAM

Welding Machine Operator-Arc

PROGRAM OUTCOMES:

- Work safely and independently with others.
- Demonstrate welding skills and theory at entry- and advanced levels.
- Think critically, problem-solve, and use creativity.
- Read and interpret welding drawings and sketches.

PROGRAM LENGTH:

- Diploma hours: 740
- AAS hours: 655
- A probationary period of 500 hours

CERTIFICATION:

- Advanced Welding Certificate
- Manual Welding Certificate
- Production Welding Certificate

ON-THE-JOB LEARNING COMPETENCIES:

- Handling, installing, positioning, moving materials, and manipulating things.
- Performing physical activities such as climbing, lifting, balancing, and handling materials.
- Using either control mechanisms or direct physical activity to operate machines or processes.
- Observing, receiving, and otherwise obtaining information from all relevant sources.
- Inspect equipment, structures, or materials to identify the cause of errors, problems, or defects.



JOB FUNCTIONS:

- Measure dimensions of completed products or workpieces to verify conformance to specifications.
- Read work orders or other instructions to determine product specifications or materials requirements.
- Review blueprints or other instructions to determine operational methods or sequences.
- Load materials into production equipment and feed materials or products through.

SKILLS:

Critical Thinking, Operations Monitoring, and Problem-Solving

