



Welding Training & Certification

The welding school and certification program at Superior is designed to advance the standard of welding throughout our shops as well as keep a steady stream of welders available to meet the demands of increased production.

With the average age of welders in the US at 56, there is a shortage of qualified welders. Superior's demand for welders outpaced what was available in the local labor pool. The solution is to train and certify internal and newly hired employees on the specific weld styles and codes they will need to craft quality conveyors and components. Currently, 80% of Superior's welders have been through the program with the goal of achieving 100% of the welding workforce.

The program lasts four weeks and is held at Superior's training facility. The building houses a classroom, library, and a lab with five weld training stations. Students study three different types of welding and are certified by three industry associations. Thirty percent of the training is in the classroom and seventy percent is in the welding lab.



Training Facility



Weld Training Lab



Training Provided

- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Flux Cored Arc Welding (FCAW)
- Gas Tungsten Arc Welding (GTAW)
- Submerged Arc Welding (SAW)

Weld Tests Performed

- Destructive Weld Test
- Guided Bend Test
- Charpy V-Notch Impact Test
- Macro-Etch Test
- Radiographic Test
- Ultra Sonic Test

Certifications Available

- AWS D1.1 (American Welding Society)
- ASME Pressure Vessel Code (American Society Mechanical Engineering)
- API (American Petroleum Institute)

