



GKC Consulting Company Railroad Training Course

Railroad Track Component Welding

We can provide on-site training of your welder to weld all railroad track components. This course gives your welders the knowledge required to successfully weld both steel components as well as manganese steel components. As a prerequisite the students should be capable of passing Flat Weld Bend Test. Course will cover the following:

✓ **Classroom Training**

- Safety in operating oxy-fuel and arc welding equipment
- Proper setup and use of equipment
- Basic metallurgy of manganese steel
- Proper welding of carbon steel rails
- Proper welding procedures and techniques with wire and stick welding of track components
- Grinding and air arc gouging.
- Problems arising from improper welding

✓ **Shop Training — Hands-On**

- Preparation of track components for repair welding
- Air arc gouging and grinding
- Proper pre and post welding procedures
- Welding techniques on track components
- Repair welding on track components with wire and stick
- Proper finish grinding of track components

✓ **Field Training — Hands-On**

- Inspection of your welding equipment and accessories used for welding on your track components
- Inspection of your track components
- Discussion and evaluation of repairs done in the field

The above Course conforms to both AREMA and AWS D15.2 Standards. Students will receive a certificate of training at the completion of their training.

NO TRAINING WILL BE DONE ON TRACK THAT IS IN SERVICE.