

Electrofusion Welding of Polyethylene Piping

Electrofusion welding is a method of joining medium and high density polyethylene (MDPE & HDPE) piping through electrical resistive heat fusion. The process produces a complete and consistent weld without using solvents or adhesives, which eliminates contamination concerns at environmentally sensitive work sites, such as landfills, and environmental remediation projects. It allows for repairs to be made without removing existing piping and is the preferred method for installing and repairing piping associated with in-situ treatment systems.



BENEFITS OF ELECTROFUSION PE PIPE WELDING

- Environmentally neutral: no chemical solvents or adhesives
- Allows repairs to be made below grade without removal of piping
- Programmable equipment provides precise and consistent joining while minimizing failures
- Portable system allows access in remote locations

COMMON APPLICATIONS

- Landfill intercept/treatment and monitoring systems
- In-situ environmental remediation systems
- Inaccessible and remote locations

Why Choose Allied Environmental Services?

- ✓ Trained and experienced technicians
- ✓ State-of-the-Industry Equipment:
 - Kerotest™ Shannon EF Control Unit
 - Kerotest™ Smart Scanner w/ GPS Locator
- ✓ Dedicated equipment owned, operated & maintained by Allied
- ✓ Over 30 years of experience installing and maintaining in-situ treatment systems
- ✓ ISNetwork / BROWZ / Avetta (PICS) approved

