



Resistance Welding

Fundamentals

3 day course – hands on in laboratory

Equipment construction, electrical schematics, current waveforms, heat flow, process parameters, spot, projection and seam welding basics

Weld specifications and test methods

US and International

Weld schedule optimization and equipment validation

Weld schedule nomenclature, process optimization and stabilization methods, electrode materials, equipment validation and run-off methods, low-indentation cosmetic welding

Instrumented equipment maintenance

Electrical, mechanical, plumbing and documentation

Newer resistance weld methods: Aluminum and Magnesium alloys

Focused Current Resistance Welding (FCRW), dissimilar material welding



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