



# Maintenance of Resistance Weld Equipment

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## Fundamentals

**1 day course – hands on in laboratory**

Equipment construction, electrical, mechanical and plumbing schematics, weld schedule nomenclature, methods of measuring and documenting equipment condition, equipment safety features

## Quick-checks to ensure proper equipment function

Electrical, mechanical, plumbing systems and secondary loop condition checks

## Detailed Instrumented equipment maintenance

Secondary loop checks, electrical waveform checks, transformer checks, SCR (thyristor) checks, weld cylinder performance checks, plumbing pressure drop checks, instruments needed for the maintenance work, documentation

