

ISO 9001:2008 Certified

## Welding Technology

Our Welding Engineers, CWI's, Welding Experts and NDE Personnel provide the support required to implement, maintain or improve weld quality from Engineering through Fabrication and all the way to Certifications and Approvals.

We provide both hands-on and classroom training for all levels of your organization.

Compliance with national and international codes is important to us – as is high quality, reliability, and your satisfaction with our services.

### Standards:

AWS; ASME; EN; ISO

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# ECE Global

Your Global Partner in Engineering, Quality and Safety Compliance  
Design – Fabrication – Inspection – Certification



At ECE Global, we combine  
Technology with Expertise,  
Competence and Experience

<b>Weld Management</b>	Engineering, Surveillance, QA/QC, NDE Inspection, Certification & Approvals. ISO 3834, AWS D1.1 / D15.1, ASME Sect. IX
<b>Welding Procedure Approvals</b>	ASME Sect. IX; AWS D1.1-1.7, AWS D9.1, AWS D14.1+6; AWS D15.1, ASME B31.1 + B31.3, EN 15611, EN 15613, EN 15614, AD-HP2
<b>Welder Qualifications</b>	ASME Sect. IX, AWS D1.1-1.7; AWS D9.1, AWS D14.1+6, AWS D15.1, ASME B31.1 + B31.3; European Norms (EN 287, EN 1418); ISO 9606, AD-HP3
<b>Welder Training</b>	Welding Procedure Approvals / Welder Qualifications / Quality Systems
<b>Weld Design Review</b>	Development of Inspection Priority Schedules, Input to Process Engineering and Operations
<b>Weld Drawing / Mapping</b>	Quality scope, Inspection Procedures, Validation, Approval
<b>Pre-Production Test Sample Evaluation</b>	Implementation of Interactive Documentation Solutions (Evaluation vs. Need)
<b>In-Process Weld Inspections</b>	CWI's, Non-Destructive Examination (NDE), Construction Surveillance; Investigatio
<b>Final Weld Inspection</b>	Weld Quality, Process Suitability, Failure Analysis, Inspectability and Design Improvement
<b>Training</b>	Welding Coordinator, Welder, Welding Operator, CWI's, NDE, Quality Systems

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## Why audit your welding processes?

ECE Global Welding Engineers and CWI are experts in welding technology, analysis and troubleshooting your weld quality management practices. We identify relevant, high-impact; cost-saving opportunities.

In today's global market, maintaining weld management systems that address several different quality requirement standards is unavoidable. ECE Global is truly a Global Partner is this partner.

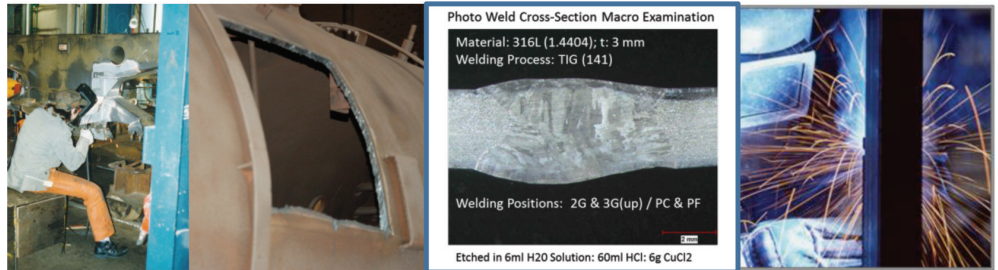
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## Benefit from independent expert reviews and audits

Independent Reviews and Audits validate the sustainability of your processes.

### We evaluate:

- ✓ Quality and code compliance
- ✓ Actual processes against approved WPS's
- ✓ Efficiencies and if needed recommend plans to implement improvements
- ✓ Standardize processes among employees to improve quality and scheduling
- ✓ Quality understanding and interpretation
- ✓ Record-keeping and tracking systems

## Get all the tools in one place

Operating one system that covers all applicable quality aspects has been proven to be the best. No double standards and a clear direction is what is required to operate a high performance and high quality organization. Imagine an automobile 50% offset crash test and the importance of all parts within the vehicle – Our ECE Global training program is prepared to give you all tools.

## Welding Inspection and Supervision

ECE Global welding engineers, CWI's and technicians are trained to monitor fabrication/assembly of pressure equipment, piping, frames, structural equipment, rail equipment, and more, verifying code and quality compliance based on client specifications. Our Experts work with you in the field or in your fabrication shop. Documentation can be in paper, electronic form, or a combination of both

