

ISO 9001:2008 Certified

# Global Industrial Services

ECE Global is your Global Partner in Engineering, Quality and Safety Compliance.

We are a provider of technical engineering verification, inspection, testing and conformity services for industrial markets.

Our core values of integrity, independency, transparency and commitment support our growth.

At ECE Global, we recognize that our know-how, flexibility and customizable solutions are essential to enjoy joint success. Our passion for and expertise with national and international industrial applications allow us to adapt with evolving needs.

We strive to build lasting and trusting relationships by earning your confidence with providing measurable results and return on investment.

Let us earn your trust. Thank you!

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# ECE Global

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

Compliance with specifications, codes, standards and legal affairs (e.g. ASME, ASME BPE, ISO, European Norms, CE Marking), has helped expand our engineering efforts to include quality assurance, construction surveillance, risk assessment, asset integrity management, validation, product approvals, system certifications, and consulting. At ECE Global, we focus on key solutions and results.

## Industrial Services

### Engineering & Design

- Pressure Equipment, Piping, Accessories
- Facility Integrity Management
- Mechanical Systems
- Risk Assessments
- Process Systems
- Validation Procedure Development



Engineering & Design

Inspections & Approvals



Fabrication & Assembly

### Inspections & Approvals

- API Inspections (API 510, 570, 653, ...)
- Non-Destructive Testing ASNT / EN 473  
– (Levels III / II) Phased Array, UT, UTT, MT, PT, VT, LT, PMI, RT
- Construction Surveillance  
– CWI, QC, PM
- As-Built / In-Process Equipment
- Inspections
- Welding Technology
- Quality Audits (Internal, Vendor)

### Fabrication & Assembly

- NDE Technology Implementation
- NDE Training
- Welding Technology Implementation
- Welding Training
- Construction Surveillance  
– CWI, QC, PM
- Construction Surveillance CWI, QC, PM
- Process Improvement
- Lean Management (Lean Concepts, Kaizen, ..)

## The industries we serve include:

Petroleum  
Chemical

Pressure Equipment  
Manufacturing & Assembly

Pharmaceutical  
Biotech

Rail & Road Equipment

**ECE understands what you expect - flexibility and customized solutions!**  
We can change and adapt with your evolving needs because of the knowledge, experience, and passion of our staff.

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## INSPECTION & APPROVAL:

ECE Inspection & Approval Compliance Services support Owner/Operators, Engineering Companies, Original Equipment Manufacturers (OEMs) and Sub-Contractors, achieving quality and conformity with applicable code, standards (e.g. ASME, EN 13445), and project or product specification requirements.

Risk Based Inspection and Conformity to Codes & Standards are critical for product reliability, performance and user satisfaction. Inspection & Approval services are designed for companies who seek assurance of compliance with order specifications and design requirements.

### Our inspection and approval services include:

Pressure Equipment, Piping, Tank Inspection (API 510, 570, 653, ...), Welding Procedures & Examinations, Construction Surveillance, NDE Testing and Evaluation (including Phased Array UT, VT, MT, PT, LT, UTT, PMI, RT), Risk Analysis or HAZOP Evaluation, As-built Compliance, Design Drawing Reviews and Approvals

## PRE-CERTIFICATION & CONSULTING:

ECE professionals provide support during the selection process of ISO Registrars or Notified Bodies. We train companies on the requirements of CE Marking, CFR Compliance, ISO 9000, and ISO 17025, and consult with the system implementation personnel (e.g., compliance gap analyses, documentation reviews, system and standards training, pre-audits, continual improvement).

Our staff of experts provides hands-on experience and superior knowledge of certification, quality management, and requirements. We optimize cost for certification, while rendering additional benefits such as pre-audits, training, manpower support, procedure development, and detailed reporting.



*Plant Inspection and Approval*

## CERTIFICATION & VALIDATION:

Certifications are needed or requested to demonstrate compliance with codes and standards. Regardless of the nature of the product or system, certifications provide the client or end user with the needed confidence in terms of safety, reliability, and liability. Validations, or the confirmation that a product, service, or system complies with a customer's needs are also a key component of ECE's offerings.

ECE provides a wide range of certifications and associated solutions. We issue certifications with a focus on internal, external, national, or international recognition. We apply market familiarity, an understanding of sound engineering principles, and our knowledge of the requisite rules and requirements to certifications and validations.

### Examples include:

Risk & Hazard Analysis, Plant Integrity Management, Quality Assurance System, Audits / Training / Implementation, Welding Procedure Approval, Design Reviews (ASME, ISO, etc.), Construction Surveillance, As-built Inspections, Training, and CE & Pi Marking.