



WHO WE ARE

ATC-CES offers fully integrated asset lifecycle management solutions across power plant applications and beyond. We have complete in-house execution capability to design custom-fit thermal turnkey service solutions for power plant, commercial and industrial process applications.

We specialize in optimized service solutions for boilers, HRSGs & steam turbines and have world class engineers with skills and capability ranging from component design, field diagnostics, state of the art metallurgical testing and service and welding engineering solutions, through final disposition and repair.

WHY WE ARE YOUR IDEAL PARTNER

ATC-CES has a wealth of experience to deliver customer-focused, cost-effective solutions for you:



Our expert teams possess both the know-how and know-why, meaning they understand your plant as well as the OEMs.



We have the key expertise to keep your fleet running reliably with our in-house capabilities related to plant metallurgy, welding and manufacturing engineering.



Our goal is not to sell replacement parts, but to engineer cost effective solutions that drive reliability and flexibility into your plant.



We address your problems promptly and efficiently, so you save time and money.

CLIENTS

We work with clients who outsource to experts their non-recurring, specialized or problematic projects.



OUR INTEGRATED OFFERINGS

LEADERS

ENGINEERING ASSESSMENT & DESIGN

- ASME BPV Section I & VIII Code Consultation
- ASME B31 Piping Analysis & Code Consultation
- API 579 /ASME Fitness-For-Service Level 2/3 Assessments
- Finite Element Analysis (FEA)
- Project Management
- Boiler/HRSG Construction Consultation

METALLURGICAL, WELDING, ENGINEERING SERVICES

- Failure analysis & RCA
- Condition Assessment & Remaining Life
- Advanced characterization of CSEF steels (Gr 91, 92)
- Material characterization
- Mechanical properties testing
- Welding engineering services
- Welding repair technology
- NDE inspections and replications
- Consulting / codes / standards
- Creep and corrosion testing

COATINGS

- Diffusion
 - Chromizing
 - Aluminizing
 - Boronizing
- Thermal spray
- Plasma transfer arc

HEAT TREATMENT SERVICES

- Annealing
- Normalizing / Tempering
- Quench / Tempering
- Stress relief
- Post weld heat treatment
- Solution annealing
- Flame hardening

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The Materials Information Society



We support the commercial success of our clients by providing superior technical services and problem-solving capabilities covering mechanical design and materials-related issues in a timely and cost-effective manner.

OUR EXPERIENCE DELIVERS FAST AND EFFECTIVE SOLUTIONS YOU CAN RELY ON.

