



HEAT TREATMENT SOLUTIONS

SUPPORT YOU CAN TRUST, RESULTS YOU CAN PROVE

QAI delivers the capacity, expertise, and accredited testing you need to move projects forward with confidence. Our ISO/IEC 17025 accredited facility is trusted across aerospace, automotive, foundry, and heat-treating industries. Large or small – we work with you – your parts and your processes to provide reliable results to stand up to audits, certifications, and customer requirements.

Engineering Heat Treat

Every heat-treated component has a story hidden in its microstructure. At QAI, we uncover exactly **what process created the part**. By analyzing the metallurgical structure and properties, we can determine:

- Heat treat analysis, metallurgy/reverse metallurgy
- Quench and tempering methods used
- Alloy variations or contamination present
- Parts of all sizes up to 5 feet in diameter

Insight that allows you to identify heat treat process, troubleshoot failures, or validate consistency with **clear, evidence-based answers**.

QAI is not just another testing provider, QAI is an extension of your Quality Lab. Inquire about our heat treat and metallurgy classes with us.

Let's Connect

Discover how QAI can support your next project with testing, analysis, and reverse engineering expertise.



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Set up a Teams meeting or schedule a site visit today.

Watch for our Heat Treat class schedule.

