

Metallurgical Laboratory Services

Third-Party Forensic Investigations

Stress Engineering Services' advanced metallurgical laboratories house specialized equipment designed to conduct independent, third party forensic metallurgical investigations. We are ideally equipped to provide laboratory services to experts who may not have access to the metallurgists and metallurgical technicians or full range of lab capabilities that we can provide.

Our clients include attorneys; expert witnesses; insurance companies; government officials; and equipment manufacturers/owners, who are seeking reliable engineering services such as finite element, stress, fatigue and vibration analysis; fracture mechanics; electrical engineering; corrosion testing; pressure vessel and plant engineering; and much more.

We work on multiple tasks in parallel, greatly increasing the speed of a failure investigation and conserving the valuable time of our clients, their experts and attorneys. We assume custody of and maintain the chain of evidence when needed, as well as enlisting professional photographers to take high quality photographs, removing the need for experts to take their own. In addition, our licensed professional engineers often serve as expert witnesses for forensic investigations.

Investigations carried out at our metallurgical laboratories are designed to be efficient and cost-effective. The labs are well equipped to handle large equipment such as piping and pressure vessels used in oil and gas, chemical processing, utility and other heavy industries, as well as the most delicate of components, including medical devices and consumer products.



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