

LIQUID PENETRANT TESTING

About Phans4:

Phans4 consulting is an inspection and testing agency employs qualified personnel who specialize in inspecting and testing mechanical equipment. Our experts are well qualified in relevant fields with international approved certifications to perform tests and inspections. They undergo continuous training to stay updated on the latest inspection techniques, testing methods, and regulatory requirements. **Familiarity with Regulations and Codes.** They all have experience working in relevant industries such as manufacturing, oil and gas, petrochemicals, power generation, or any other field involving mechanical equipment.



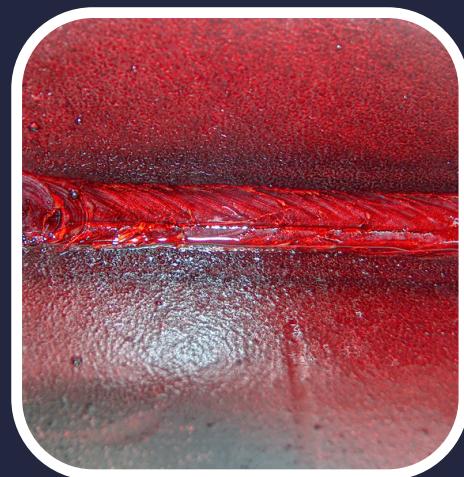
LIQUID PENETRANT TESTING

Welcome to Phans4 Consulting, your dedicated partner in Testing and Inspection Services, specializing in meticulous inspection using Liquid Penetrant Testing (LPT) in Non-Destructive Testing (NDT). Our expert team is committed to ensuring the integrity, safety, and reliability of your materials and components through advanced liquid penetrant inspection techniques. Explore our range of services designed to secure the flawless quality and functionality of your products:

Our Services:

SURFACE CRACK DETECTION:

Ensure material integrity with surface crack detection using our Liquid Penetrant Testing services. We apply penetrant fluids to surfaces, highlighting and identifying surface cracks for precise remediation.

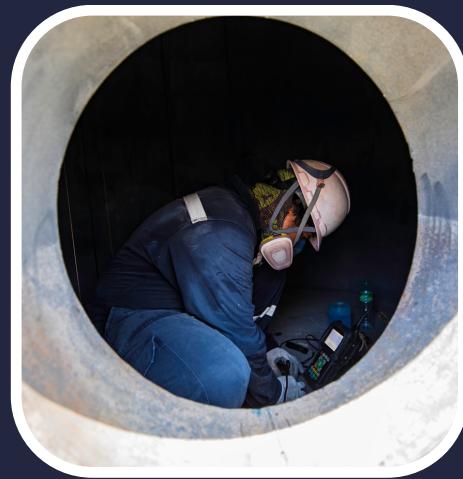


POROSITY & LEAKAGE DETECTION:

Optimize product quality with penetrant testing for porosity and leakage detection. Our services identify and characterize imperfections, ensuring components meet the highest standards for reliability and safety.

WELD INSPECTION & QUALITY ASSURANCE:

Stay ahead of weld quality requirements with liquid penetrant inspection. Our testing services verify weld integrity by detecting and highlighting defects, ensuring compliance with industry standards for quality assurance.

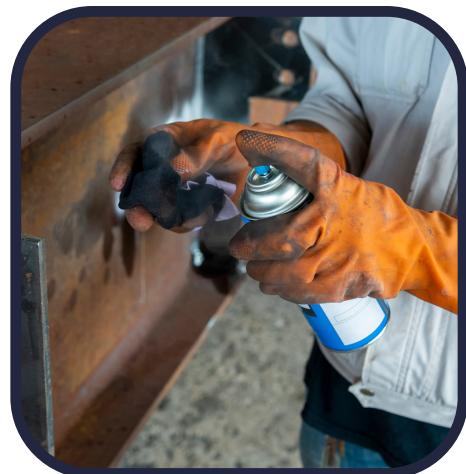


MATERIAL SORTING & CLASSIFICATION:

Enhance material quality control with liquid penetrant testing for sorting and classification. We use penetrant fluids to identify variations in material composition, ensuring consistency and adherence to specified standards.

CRACK DEPTH MEASUREMENT:

Facilitate precise crack depth assessment with liquid penetrant testing. Our techniques allow for accurate measurement and characterization of crack depths, providing comprehensive insights for corrective actions.



CUSTOMIZED LIQUID PENETRANT SOLUTIONS:

Facilitate optimal product performance with customized liquid penetrant solutions. We provide tailored recommendations to address specific material challenges, ensuring the quality and functionality of your unique components.



At Phans4 Consulting, we understand the critical importance of liquid penetrant inspection in ensuring the quality and reliability of your materials and components. Our Non-Destructive Testing Services are tailored to provide you with peace of mind, knowing that your products undergo thorough inspections to guarantee flawless functionality. Trust us to deliver meticulous analysis and actionable recommendations for the integrity and reliability of your components through our Liquid Penetrant Testing Services.

Contact us:

#703, Dega towers, Somajiguda,
Hyderabad, Telangana, 500082.

 +91 7842430123

 business@phans4.com