



**MAGNETIC PARTICLE  
INSPECTION**

# 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.



## MAGNETIC PARTICLE INSPECTION

Welcome to Phans4 Consulting, your trusted partner in Testing and Inspection Services, specializing in meticulous inspection using Magnetic Particle Inspection (MPI) in Non-Destructive Testing (NDT). Our expert team is dedicated to ensuring the integrity, safety, and reliability of your materials and components through advanced magnetic particle 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 MPI services. We employ magnetic particles to identify and highlight surface cracks, allowing for precise identification and remediation of potential issues.

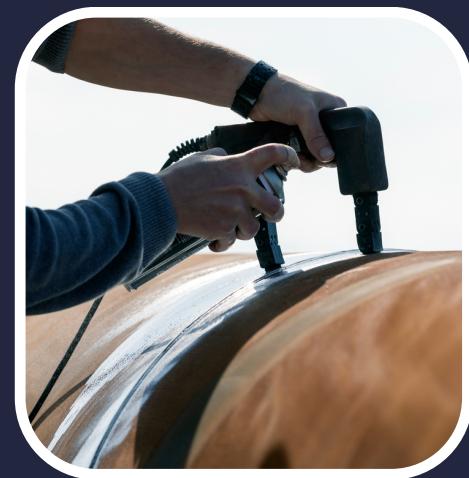


#### WELD INSPECTION & QUALITY ASSURANCE:

Optimize weld quality with magnetic particle inspection. Our testing services verify weld integrity by detecting and highlighting defects, ensuring compliance with industry standards for weld quality assurance.

## SUBSURFACE CRACK IDENTIFICATION:

Stay ahead of potential issues with subsurface crack identification. Our MPI techniques penetrate materials to identify and characterize subsurface cracks, providing comprehensive insights for corrective actions.



## MATERIAL SORTING & CLASSIFICATION:

Enhance material quality control with magnetic particle inspection for sorting and classification. We use magnetic particles to identify variations in material composition, ensuring consistency and adherence to specified standards.

## BOLT & FASTENER INSPECTION:

Facilitate robust fastener quality with magnetic particle inspection. Our services verify the integrity of bolts and fasteners, detecting potential defects and ensuring the safety and reliability of your assemblies.



## **CUSTOMIZED MAGNETIC PARTICLE SOLUTIONS:**

Facilitate optimal product performance with customized magnetic particle 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 magnetic particle 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 Magnetic Particle Inspection Services.

### **Contact us:**

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