

# Non Destructive Test Service

## Effective processes, tool and methodologies



### Benefits of NDT

1. Nondestructive testing which spends less time than destructive testing
2. Facile to work on site
3. Inexpensive cost comparing to destructive testing

### Application Information

1. Repairing or Cautious Testing
2. Material estimated Test
3. Welding estimated Test

### Magnetic Particles Testing (MT)

This process applies the induction creating magnetic field and magnetic particle will form pattern on the surface and initially beneath a work piece to locate its flaws. Ferromagnetic material goes well with this testing procedure. Fabrication work, welding work and maintenance work are considered as our scope of work.

### Ultrasonic Test (UT)

The procedure adjusts the ultrasonic frequency to evaluate the product quality, depth, internal defect and density. Structural fabrication work, maintenance work, Cast iron and thickness are regarded as our working scope.

NDT Service is one of our professional services. We offer the non Destructive Test for personnel certified by Welding Institute of Thailand (WIT) according to ISO9712 and EN 473



### Liquid Penetrant Testing (PT)

The process is to examine defects on the surface of the work piece by Liquid Penetrant in its flaws. Most materials can be tested regarding to this method, except only porous material. Work scope is around fabrication work, welding work and maintenance work.



### More information:

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