



# NON DESTRUCTIVE TESTING LABORATORY, INC.

NON DESTRUCTIVE TESTING LABORATORY, Inc. (NDTL) was incorporated in 1995 to serve the increasing demands of the aviation, shipping, construction and manufacturing industry for quality testing work. The company is a member of the PHILIPPINE GEOANALYTICS GROUP OF COMPANIES (PGA) and has been initially conceptualized to focus on the nondestructive testing needs of the industry.

At NDTL, safety of engineering structures is one of our foremost concerns. Structural flaws and defects detected through nondestructive testing are not only reported but also analyzed in order to determine their overall effect on the integrity of engineering structures. We at NDTL provide technical solutions to minimize occurrence of structural defects.

Our job at NDTL does not stop at determining and analyzing defects. Structural component failures are likewise investigated and analyzed in order to determine failure causes so that recurrence of similar failure may be avoided.

At NDTL, we are also one with our clients in their unending effort to improve the quality of engineering works. Thus, not only do we provide quality inspection services through nondestructive testing but also, we make sure quality problems are remedied as well through active problem solving efforts with our clients. In line with these efforts, we are constantly involved with the various technical committees of the Bureau of Product Standards - Department of Trade and industry in formulating industry standards.

Our clients consist of various industry players in the aviation, construction, manufacturing and fabrication, power plant, petrochemical, cement, transportation and food sectors. To prove our technical expertise, we are commissioned by a distinguished German company to act as NDT and metallurgical consultants in a power plant rehabilitation work.

At NDTL, we believe in the technical capability of fellow Filipinos. Thus, we are constantly active in upgrading the technical skills of Filipino personnel through various lectures and training conducted in coordination with the private and government sectors.



MAGNETIC PARTICLE TESTING



LIQUID PENETRANT TESTING



RADIOGRAPHY



ULTRASONIC TESTING

## CONTACT US:



### Contact us:

Address : PGA Technical Center No. 85, Kamuning Road  
 Quezon City 1103, Philippines  
 Tel. No. : (632) 924-34-05  
 TeleFax : (632) 929-34-06  
 Website : [www.pgotech.com.ph](http://www.pgotech.com.ph)  
 e-mail : [pgandtl@pgotech.com.ph](mailto:pgandtl@pgotech.com.ph)

- *Liquid Penetrant Testing*
- *Ultrasonic Thickness Gaging*
- *Ultrasonic Testing (Flaw Detection)*
- *Magnetic Particle Testing*
- *Radiography (Gamma and X-ray)*
- *Eddy Current Testing*
- *Weld Inspection*
- *Testing for Welders Qualification*
- *Testing for Welding Procedure Qualification*
- *Metallurgical Failure Investigation*
- *Technical Training*
- *Turbine Blade Inspection*

## MRT LINE II PHASE 1 and 2 (Santolan to Recto Station)



**MAGNETIC PARTICLE TESTING AND ULTRASONIC TESTING OF  
RAIL THERMIT WELDS**



**MAGNETIC PARTICLE TESTING OF RAIL FASTENER PLATES**

**SCOPE OF WORK :** The project which extends from Santolan Station to Recto Station, requires 100 % Inspection (Ultrasonic Flaw Detection and Magnetic Particle Inspection) on all Thermit Welds and Magnetic Particle Testing on selected Rail Fastener Plates.

**CLIENT :** DMCONSUNJI INCORPORATED

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**

## PHILIPPINE AIR FORCE S-211 JET FIGHTER AIRCRAFT



**SCOPE OF WORK** : Perform general NDT such as Eddy Current Inspection, Magnetic Particle Testing, Penetrant Testing, Radiographic Testing, Ultrasonic Testing and Bond Testing on various Aircraft parts.

**CLIENT** : AEROTECH INDUSTRIAL PHILS.

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**



## NDT INSPECTION ON BOILER PRESSURE VESSEL



SCOPE OF WORK : Radiographic Testing and Ultrasonic Testing of Pressure Vessel for various project.

CLIENT : GNQ INDUSTRIAL AND CONTRACTING CORP.

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**

## NDT INSPECTION ON CJLDS MEETING HOUSE FACILITIES



SCOPE OF WORK : Quality checking of structural welds using penetrant testing.

CLIENT : CHURCH OF JESUS CHRIST OF THE LATTER DAY SAINTS

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**

## LAMINATION CHECKING ON STEEL PLATES



SCOPE OF WORK : Lamination Check of Steel Plates using Ultrasonic Testing prior to construction of Boiler pressure Vessel.

CLIENT : TIGERMACHINERY AND INDUSTRIAL CORP.

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**

## RADIOGRAPHIC TESTING OF PRESSURE VESSEL



CLIENT : GNO INDUSTRIAL AND CONTRACTING CORP.  
OWNER : NESTLE PHILIPPINES

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**



## RADIOGRAPHIC TESTING OF PROPELLER BLADES



PROJECT : AGUSTA HELICOPTER MAIN ROTOR PROPELLER BLADES

CLIENT : AGUSTAPHILIPPINES

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**



## EDDY CURRENT INSPECTION OF TURBINE BLADES



PROJECT : PHILIPPINE GEOTHERMAL INC.

CLIENT : UNOCAL

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**

## NDT INSPECTION ON FIESTA CARNIVAL RIDES



PROJECT : FIESTA CARNIVAL RIDES (VIKING, TAGADISCO AND ROLLER COASTER)

CLIENT : ARENATA CENTER

**NON DESTRUCTIVE TESTING LABORATORY INC.**

*e-mail : [pgandtl@pgatech.com.ph](mailto:pgandtl@pgatech.com.ph) website : [www.pgatech.com.ph](http://www.pgatech.com.ph)*



**A member of the PGATECH Group**