



# COMPANY PROFILE

PT. ENCO TEHNIK INDONESIA





## CERTIFICATE OF REGISTRATION



This is to certify that member name

#### PT. ENCO TEHNIK INDONESIA

Certificate No: QMS19290316

JL. MUSTIKA MEDIA RESIDENCE BLOK T1/3, RT 007 RW 018, DESA LUBANG BUAYA, KEC. SITU, KAB. BEKASI 17320, WEST JAVA, INDONESIA

Is successfully implementing

#### QUALITY MANAGEMENT SYSTEM

which complies with the requirements of

ISO 9001:2015

with following scope

Provision of Mechanical and Electrical Equipment, Welding Service, NDT Inspection and Construction.

EA CODE: 29

Initial Assessment : 18 October 2019 Certification Date : 22 October 2019

Expiry Surveillance: 22 October 2020 Expiry Renewal: 22 October 2022

visit www.jsi-certification.com for certificate validation

Berneditte

Bernadette Linda Certification Authority









**Drs. Sofuan Salim President Commisioner** 

Great honor thanks for all clients and relation, In this opportunity we would like to introduce our company PT. Enco Tehnik Indonesia private company in the field of Construction and Services Engineering.

Our Vision is to become and excellent corporation in equipment services in Indonesia achieved through professional and suistainable growth.

We service foward international standars, valuable experience, and intregated approach to provide professional and exellent performance and become the best industry field.

#### **EDUCATION**

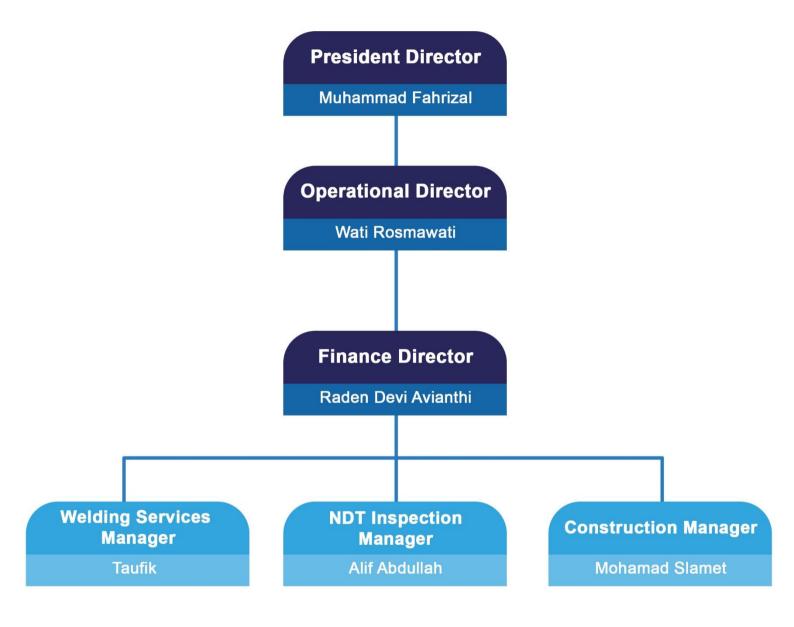
Universitas Indonesia Fakultas Ilmu Pasti dan Ilmu Alam Farmasi

#### **JOB EXPERIENCES**

- 1. Zambon SpA (Farmasi Italy, 1976 1982) as Promotion Manager
- 2. Astra Group
  - PT Astra Inti (1982 1984) as Departement Manager
  - PT Astra Daihatsu Motor (1984 1995) as General Manager HRD
  - PT Gaya Motor (1995 1997) as General Manager HRD
- 3. Bakrie Land Development Tbk (1997 1999) as Vice President Human Resources
- 4. PT. Truba Jurong Engineering (1999 2003) as Vice President Human Resources
- 5. PT. Optimal Solution as Chairman
- 6. Laduni Training Center as Lecturer



## ORGANIZATION STRUCTURE



Director PT. Enco Teknik Indonesia

PT. ENCO TEHNIK NICO M. Fahrizal

President Director



Enco Tehnik Indonesia, PT was estabilashed in 2015 in Bekasi, West Java Province Indonesia as private company in the field of Construction and Services Engineering We specialize in services for Construction Equipment, Rotating Equipment, and Storage Equipment.

We create reliable and suistainable solutions for the oil and gas, power, water, and other markets.

## VISION & MISSION

#### VISION

Become and excellent corporation in equipment services in Indonesia achieved through professional and suistainable growth.

#### MISSION

Focus in profitable business in energy and construction with a Taqwa Foundation





## WELDING SERVICES

- 1. Welding Procedure Specification
- 2. Welder Labour Supply
- 3. On Site Welding
- 4. Welding Repair
- 5. GMAW, FCAW, GTAW, SAW, SMAW, and Laser Welding

#### **NDT INSPECTION**

- 1. Ultrasonic Testing
- 2. Magnetic Testing
- 3. Radiography Testing
- 4. Phased Array
  Ultrasonic Testing

#### CONSTRUCTION

- 1. Structure
- 2. Overhead Crane
- 3. Gantry
- 4. Jip Crane
- 5. Cargo Lift



## WELDING SERVICES

Based restore performance your equipment with our welding procedure in the welding turbine industry is one of the methods and weld repair was chosen as the most cost effective alternative

#### **BEARING SERVICES**

Enco repairs bearings (fluid/film) by using babbitt / white metal replacement to extend the lifetime of your main equipment. We offer high quality services with fast turnaround time to help your equipment get back to work quality

We can supply any space or replacement steam turbin part including :

- Rotors Bearings
- Strators Casings

#### **JOURNAL TURBIN REPAIR**

Enco repairs turbine journal services were performed using two methods:

- 1. Using laser welding and SAW welding.
- 2. Procedures are designed to suit your requirements and are carried out by our highly skilled and well trained welders



#### WHAT IS NDT?

Non-destructive testing (NDT) is a testing and analysis technique used by industry to evaluate the of properties a material. component, structure or system for characteristic differences welding defects and discontinuities without causing damage to the original part. NDT also known a non-destructive examination (NDE), non-destructive inspection (NDI) and non-destructive evaluation (NDE).

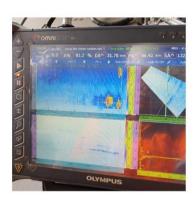




#### **ULTRASONIC TESTING**







Manual ultrasonic testing (UT) is one of the more common non-destructive testing methods performed on materials. This testing utilises high frequency mechanical energy, i.e. high frequency sound waves, to conduct examinations and measurements on a test area.

#### MAGNETIC PARTICLE EXAMINATION







This NDT process uses magnetic fields to find discontinuities at or near the surface of ferromagnetic materials. The magnetic field can be created with a permanent magnet or an electromagnet, which requires a current to be applied.

#### RADIOGRAPHY INTERPRETATION







Radiographic Testing (RT) is a non-destructive testing (NDT) method which uses either x-rays or gamma rays to examine the internal structure of manufactured-components identifying any flaws or defects.



Enco helps major all manufacturing and maintain their demanding production schedules for lifting and handling material.

SERVICES

We provide a full complement of cranes, material handling equipment and service for the process of building crane

Structural steel is steel construction material wich fabricated with a spesific shape and chemical composition to suit a project's applicable spesification

Depending on each project's applicable spesifications, the steel se tions might have various shapes, sizes and gauges made by hot or cold rolling, others are made by welding together flat or bent plates. Common shapes include the I - Beam, HSS, Channels, Angles and Plate





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- 1. Welding Repair & Machining Impeller
- 2. Arm Clamper
- 3. Slider Dies
- 4. Part Simulasi Karakuri
- 5. Guide Rail
- 6. Welding Repair Diaphragm
- 7. Welding Repair Diaphragm
- 8. Welding Repair Diaphragm Steam Chamber
- 9. Welding Repair Nozzle
- 10. Welding Repair Nozzle
- 11. Welding Repair Diaphagram & Nozzle
- 12. Supervisi & Inpeksi sBarch Bridge Project
  - Jembatan Tol Becakayu

**Fabricator PT. Bakrie Metal Industries** 

- Jembatan Tol Surabaya Mojokerto

Fabricator PT. Bakrie Construction Cilegon

- Jembatan Tol Ahmad Yani Bekasi

**Fabricator PT. Guna Nusa Fabricator** 

13. Inspeksi Pipe Line

#### **End User**

- PT. Turbo Daya Mekanika
- PT. Toyota Motor Manufacturing Indonesia
- **PLTP Ulumbu**
- PT. Indonesia Power UPJP Kamojang
- **PLTP Gunung Salak Indonesia Power**
- PT. Pupuk Kaltim
- PT. Petro Kimia Gresik
- PT. Pupuk Sriwijaya
- PT. Waskita / PT. KKDM
- PT. Waskita / Waskita Bumi Wira

**PLTM Kunci Hydro Semarang** 



[Ohgishi Indonesia







































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FABRIKASI, NDT, & INSTALASI ERECTION POWER HOUSE 2020 PROJECT PLTM CIBUNI MANDIRI









#### JEMBATAN ACHMAD YANI BEKASI PROJECT WASKITA

## 2020















## ERECTION JEMBATAN HASIBUAN

























# SUPERVISION & INSPECTION SBARCH ACHMAD YANI HASIBUAN BRIDGE

2020















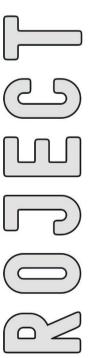














## **CONTACT US**

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www.encoindo.co.id

## PT. ENCO TEHNIK INDONESIA

