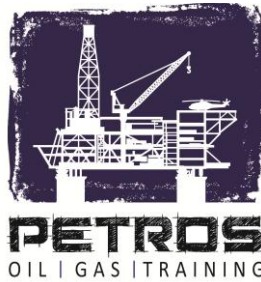


Certificate No : 2026-PTR-EC-LE-203

Date : June 17<sup>th</sup> , 2026



# CERTIFICATE OF ACCOMPLISHMENT

This certificate is granted to

**ANWAR RUSDI LUBIS**

ID NUMBER : PTR-EC-LE-203

For successfully completing the training

**LIFTING/RIGGING ENGINEER**

And meet all requirements with score:

**92.50**

of 100 points

**Trainer :**

**IR. TAUFIQURRAHMAN, IPM**

*Certified Advanced Rigging Engineer - CA 90722 Wood Group*

*LEEA Approved Appointed Person for Lifting Operations (8483-24749-8151-66-2)*

Held by **Petros Oil Gas Training**

June 01<sup>st</sup> to 14<sup>th</sup> , 2026, covering the subjects as listed on the back page



Valid Through :  
June 17<sup>th</sup> , 2028



**Heru Prasadja, ST**  
Director

# LIFTING/RIGGING ENGINEER TRAINING

## BASIC RIGGING

- Lifting/Rigging Principles
- Type of Slings
- Weight Calculation, SWL, Angle Factor & Sling Factor
- Lifting Gear/Accessories' (Shackle, Eyebolt, Clamp, Chain Block)
- Ascertain of general lifting procedure and related government regulation for lifting

## SAFETY LIFTING

- Lifting Hazard
- Personal Safety Equipment
- Commons Systemic Lapses Involving Lifting Activities
- Hand Signal

## LIFTING PROCEDURE

- Lifting Categories (light, heavy, critical)
- Lifting Team
- Risk Assessment & How to Control the Hazard
- Pre Lift Safety Check
- Statutory Inspection of Lifting Equipment
- Communication
- Rigging Plan Preparation Check List

## ADVANCE RIGGING

- Pre-use Inspection of Lifting Equipment
- Recommended Rigging, Slings Methods & Calculation
- Sling Factor, Angle Factor, Estimation Weight, Determine Weight & COG
- Lifting Plan
- Multi Crane Lift
- **Practice** : Lifting Calculation for Structural Modul Installation (52 Ton) using Crane Kobelco SL6000

## FINAL EXAMINATION :

- **LIFTING STUDY FOR INSTALLATION OF 28 TON E-HOUSE MODULE USING CRANE KATO NK 5000**
  - Making Lifting Plan Calculation
  - Making Lifting Method Statement
  - Making Job Safety Analysis
  - Making Lifting Plan Drawing