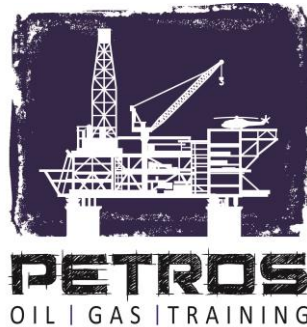


Certificate No : 2019-PTR-LE-001-03
Date : October 21st , 2019



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

ADI SAPUTRA
ID NUMBER : PTR-LE-001-03

has completed

LIFTING/RIGGING ENGINEER TRAINING

Trainer :
TAUFIQURRAHMAN, ST
Certified Advanced Rigging Engineer - CA 90722 Wood Group

Held by **Petros Oil Gas Training** – Jakarta
October 19th to 21st , 2019 , covering the subjects as listed on the back page



Valid Through : Oct , 10th , 2022

A handwritten signature in black ink, appearing to read "Heru Prasadja", written in a cursive style.

Heru Prasadja, ST
Director

LIFTING/RIGGING ENGINEER TRAINING

SUBJECTS :

- Basic Rigging
- Comprehensive Kinds of Wire Sling To Be Used For Lifting
- Wire Sling Using Methods
- Comprehends and Know Angle & Load Factor of Lifting
- Comprehends Formula for SWL/WLL & Load Calculation
- Comprehensive Kinds of Lifting Accessories
- Ascertain of General Lifting Procedure and Related Government Regulation for Lifting
- Qualifications of An Advanced Rigging
- Planning & Preparation
- Lift Plans for Dual Lifts
- Load Equalizing Gear
- Purchases
- Rigging of Cranes & Hoists
- Determine Center of Gravity
- Multi-Crane Lifts
- Shear Legs
- Flying Foxes & Cable Ways
- Towing, Dragging Loads

EXAMINATION : PASSED