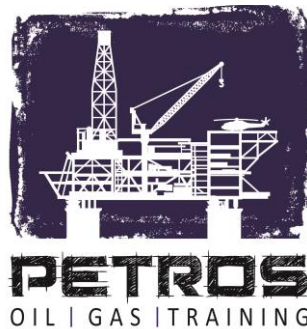


Certificate No : 2020-PTR-LE-002-01

Date : February 17th , 2020



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

RAGA SAPDHIE WIYANTO

ID NUMBER : PTR-LE-002-01

has completed & passed the exams of

LIFTING/RIGGING ENGINEER TRAINING

Trainer :

TAUFIQURRAHMAN, ST

Certified Advanced Rigging Engineer - CA 90722 Wood Group

Held by **Petros Oil Gas Training** – Jakarta

February 15th to 17th , 2020 , covering the subjects as listed on the back page



A handwritten signature in black ink, appearing to read "Heru Prasadja".

Heru Prasadja, ST

Director

Valid Through : February, 17th , 2022

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