Certificate No : 2026–EC-OFS-LF-062
Date : October 20th , 2026

PETROS
OIL | GAS | TRAINING

CERTIFICATE OF ACCOMPLISHMENT

This certificate is granted to

AL ISNA FATHURROHIM

ID NUMBER : EC-OFS-062

For successfully completing 4 days of lesson
& finished the Final Project of our e-Course

OFFSHORE STRUCTURE DESIGN LIFTING ANALYSIS

Held by **Petros Oil Gas Training** – Jakarta
covering the subjects as listed on the back page

Certificate Validation

Heru Prasadja, ST
Director

WWW.OILGAS-TRAINING.COM

OFFSHORE STRUCTURE DESIGN - LIFTING ANALYSIS

SUBJECTS

THEORY

- Design Premises
- Reference Documents
- Method Of Analysis
- Boundary Conditions
- Allowable Stress
- Contingency Factor
- Dynamic Amplification Factor
- Consequence Factor
- Skew Effect
- Rigging Arrangement
- CoG Variation
- Hook Point
- Slings

LOADING

- Load Definition
- CoG Shift Force Calculation

LOADING COMBINATION

- Loading Combination Without Consequence Factor
- Loading Combination For Member Connecting To Padeye
- Loading Combination For Member Not Connecting To Padeye

LIFTING ANALYSIS COMPUTER MODELLING

ANAYSIS RESULT

- Weight Summary
- Centre Of Gravity
- Maximum Sling Load
- API/AISC Member Stress Ratios
- API/AISC Joint Punching Shear Stress Ratios
- API/AISC Joint Minimum Required Strength Ratios
- Joint Deflection

LIFTING ANALYSIS REPORT PREPARATION

FINAL PROJECT : LIFTING ANALYSIS OF 100 TONS DECK PLATFORM