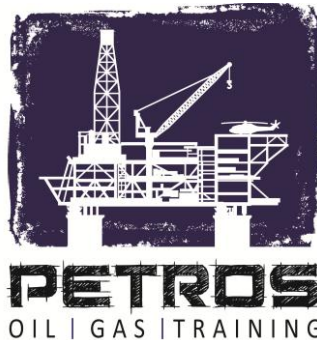


Certificate No : 2026-PTR-STD-DNV-003

Date : February 20th , 2026



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

DINO ARYANTO

ID NUMBER : PTR-STD-DNV-003

For successfully completing 4 day of lesson &
finished Final Project of our Training

**LIFTING ANALYSIS FOR STRUCTURAL MODULE
AS PER DNVGL-ST-N001 USING STAAD PRO**

Held by **PETROS Oil Gas Training** – 12,13 & 14 February 2026
covering the subjects as listed on the back page



Certificate Validation

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

Heru Prasadja, ST

Director

LIFTING ANALYSIS FOR STRUCTURAL MODULES AS PER DNVGL-ST-N001 USING STAAD PRO

SUBJECTS

THEORY

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

LOADING & LOAD COMBINATION

- Load Definition
- Loading Combination Without Consequence Factor
- Loading Combination For Member Connecting To Lifting Point
- Loading Combination For Member Not Connecting To Lifting Point

LIFTING ANALYSIS COMPUTER MODELLING

ANALYSIS RESULT

- Weight Summary
- Centre Of Gravity
- Maximum Sling Load
- API/AISC Member Stress Ratios
- Joint Deflection
- Sling & Shackle Selection

PADEYE DESIGN

LIFTING METHOD

LIFTING PLAN

JOB SAFETY ANALYSIS

LIFTING PLAN DRAWING.