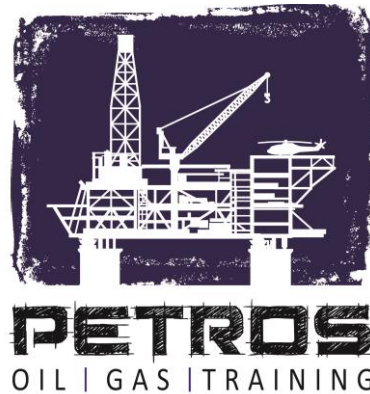


Certificate No : 2021-PTR-EC-AP3D-003

Date : December 26<sup>th</sup> , 2021



# **CERTIFICATE OF ACCOMPLISHMENT**

This is to certify that

**LUKMAN YUSUF QORDHAWI**

**ID NUMBER : PTR-EC-AP3D-003**

has completed & finished the Final Project of

**AUTOCAD PLANT 3D  
E-COURSE**

Held by **PETROS Oil Gas Training**  
covering the subjects as listed on the back page



Certificate Validation

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

**Heru Prasadja, ST**  
Director

# AUTOCAD PLANT 3D E-COURSE

## SUBJECTS

### USER

- Setting up the Plant 3D workspace
- Using on-screen tools
- Working with Plant 3D files
- Creating a new model
- Creating a structural grid
- Working with the structural steel component
- Creating equipment
- Basic pipe routing
- Moving and copying data
- Locating components using Data Manager
- Orthographic drawings
- Isometric drawings

### SPECS & CATALOGS

- Using part filters
- Modifying parts
- Adding new parts to a catalog
- Using the Spec Editor

### FINAL PROJECT