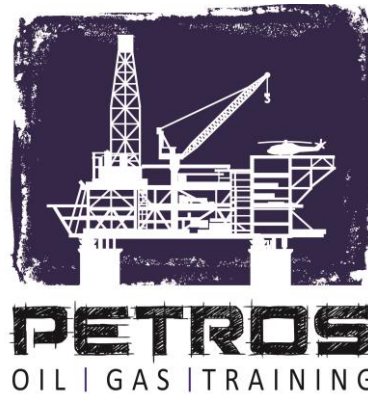


Certificate No : 2023-PTR-EC-AP3D-032

Date : May 14th , 2023



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

SUGIYANTORO

ID NUMBER : PTR-EC-AP3D-032

has completed 40 hours & finished the Final Project of our E-course

AUTOCAD PLANT 3D

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, ST".

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