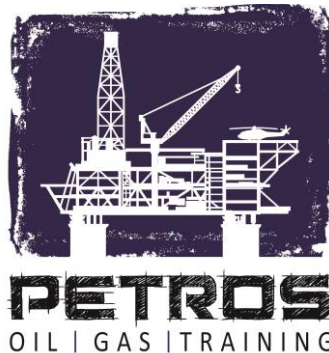


Certificate No : 2022-PTR-EC-AP3D-010

Date : February 3<sup>rd</sup> , 2022



# CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

**Dr. RENDRA PANCA ANUGRAHA, S.T**

**ID NUMBER : PTR-EC-AP3D-010**

has completed & 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 Prasadia, ST".

**Heru Prasadia, ST**  
Director

# AUTOCAD PLANT 3D E-COURSE

## SUBJECTS

### PROJECT PREPARATION

- Overview Plant
- Create New Project
- Create Drawing Limit

### EQUIPMENTS MODELLING

- Create Equipment Exchanger E1301
- Create Nozzle for Exchanger E1301
- Create Equipment Drum D1201
- Create Nozzle for Drum D1201
- Create Column C1101
- Create Nozzle for Column C1101
- Create Pump P1502A & P1502B

### STEEL STRUCTURE MODELLING

- Create Pipe Rack

### PIPE ROUTING

- Pipe Routing 1 & 2

### GENERATE ISOMETRIC DRAWING

- Generate Isometric Drawing

### GENERATE 2D DRAWING

- Create Plan, View & Section Drawing

### SPECS & CATALOG

- Edit Spec Catalog