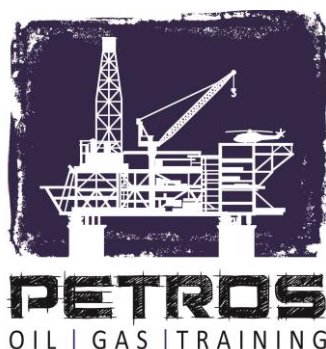


Certificate No : 2022-PTR-EPMV-013

Date : January 2nd , 2022



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

BUYUNG PERMAI BAKHTIARSYAH
ID NUMBER : EPMV-013

has completed & finished the final project for

**PROJECT PLANNING & CONTROLLING
USING PRIMAVERA
Training**

TRAINER :

MUHAMMAD AMAL, ST – SENIOR PROJECT PLANNER & CONTROLLER

Held by **Petros Oil Gas Training**

December 27th & 28th , 2021 , covering the subjects as listed on the back page



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

Heru Prasadja, ST
Director

PROJECT PLANNING & CONTROLLING USING PRIMAVERA Training

SUBJECTS :

1. PLANNING STAGE

- Working with Scope of Work.
- Working with Work Breakdown Structure (WBS).
- Working with Microsoft Project Workspace.
- Working with Calendar.
- Working with Activity and Duration
- Working with Activity relationship (Predecessor).
- How to Create S-curve from Microsoft Project.
- Setting up Baseline.

2. CONTROLLING & MONITORING STAGE WITH MANAGEMENT TOOLS.

- Project Tracking and Updating.
- Baseline Project versus Actual Project.
- S-Curve Progress & Budget Analysis
- Earned Value Analysis
- Determine Remaining Cost with Earned Value Calculation
- Resource Productivity Analysis
- Change Order Analysis
- Importing & Exporting File
- Creating Weekly & Monthly Report

3. ADDITIONAL

- Tracking
- Running Schedule
- Earned Value Analysis
- Review Project

STUDY CASE : ZERO WATER DISCHARGE PROJECT (F.E.E.D)

FINAL PROJECT : BLUE SKY PROJECT (E.P.C)