



MUHAMMAD ILHAM DIRGANTARA

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EDUCATION

Institut Teknologi Bandung, Bandung, Indonesia

7/2020-9/2021

Master of Science (Offshore Project Management)

- Master Thesis: *Pile Behavior Analysis on Optimization Breasting Dolphin Structure.*
- GPA: 3.92/4.00 (*Cum laude*)

8/2016-7/2020

Bachelor of Science (Civil Marine Engineering)

- Bachelor Thesis: *Structural Design Liquid Bulk Dock in Wayame Fuel Oil Terminal.*
- GPA: 3.58/4.00 (*Cum laude*)

WORK EXPERIENCES

12/2021 – Present

Project Engineer, PT Meindo Elang Indah.

Engineering Coordinator at EPCI of Wellhead Platforms and Pipeline for Forel Bronang Project

- Assisting Project Engineering Manager to arrange the Engineering Weekly Meeting with Client (Medco EP) and assist in preparation of Minutes of Meetings.
- Assisting Project Engineering Manager to Monitoring deliverable document all engineering discipline in MDR to ensure deliverable document on target.
- Assisting Project Engineering Manager to Coordinates interface between all project development (Engineering, Procurement, QA/QC, Construction).
- Assisting Project Engineering Manager to Coordinates interface between all discipline in engineering department (Process, Process Safety, Mechanical, Piping, Structure, Electrical, Instrument & Telecom, and Pipeline discipline).
- Assisting Project Engineering Manager to Monitoring Procurement Status for Mechanical package item as Jib crane, Engine Diesel Generator, Gel breaking Pump, etc. Piping package item as Manual Valve, Flange, Piping Bulk, Piping Support, etc. Pipeline Package item as Barred Tee, Pipeline Bulk, Field joint Coating, etc.
- Assisting Project Engineering Manager to Arrange Technical clarification with vendor and internal project team (Engineering, QA/QC, Procurement) to evaluation and clarification for any technical issue to get solution and justification
- Assisting Project Engineering Manager to Making weekly and monthly progress reports of the Engineering department

3/2021 – 10/2021

Individual Consultant, Department of Public Work and Spatial Planning – Garut, East Java.
Technical Field Facilitator, regarding the implementation of Management and Development of Drinking Water Supply System in Garut Regency.

- Assisting Project Manager to Conducting site surveys to determine springs, and mapping for piping systems.
- Prepare planning documents for the construction of Drinking Water Supply System facilities (Detailed Engineering Designs, Technical Drawings, Technical Specifications, Cost Estimations)
- Assisting Project Manager to Monitoring and supervising the implementation of construction works
- Assisting Project Manager to Making weekly reports, and monthly reports on construction progress.

8/2019 – 7/2020

Assistant Lecturer, Institut Teknologi Bandung

- Managed student assessments in 3 engineering subjects (Reinforced Concrete Structure, Steel Structur, and Planning of Port Infrastructure)

6/2019 – 7/2019

Internship Program, Surface Facilities Department - Pertamina EP

- Studying a method of repairing bunyu pier facilities.

LEADERSHIP ACHIEVEMENTS

3/2019 – 4/2020

Co-Head Profession Studies, Ocean Engineering Student Council (KMKL-ITB)

- Provide information for students about work prospects for Ocean engineering graduates.
- Arrange a talk show with Ocean engineering alumni to add insight about work prospect as ocean engineer.

Achievement

- **Deanlist FTSL 2018**, award for the highest GPA in the Faculty of Civil and Environment Engineering

Languages

- **Indonesian** (Native), **English** (Intermediate)

**Software
Competence**

- **SAP2000, Microsoft Office, Microsoft Project, AutoCad**

