OJT TRAINING · INSTRUMENT ENGINEER

Instrumentation Design For Oil Gas Plant

For : **Engineering Physics, Instrumentation, Electronics Engineering**

Instrument engineer training for oil & gas: from instrument theory to design documents on real projects.

- 5 trainings
- 19 lessons
- 100% online
- Mentor: M.Riandi, ST - Senior Instrument Engineer – Oil & Gas EPC

ABOUT THIS OJT

Learn straight from real projects with OJT Instrumentation Design For Oil Gas Plant

This OJT Training equips you with the understanding & skills needed to work on Oil & Gas projects as a Junior Instrument Engineer. Besides the instrumentation theory used in engineering projects, the training includes hands-on practice preparing the engineering documents required in an Oil & Gas project.

This OJT Training also shows how an Instrument Engineer reviews the instrument drawings produced by instrument designers. That makes the training a bridge between what you learned at university and the working world, especially instrument engineering in the oil and gas industry.

CURRICULUM

What you'll learn

5 trainings · 19 lessons

1 **Introduction** 3 lessons

Introduction to Oil & Gas projects · Scope of Instrumentation Engineer in Oil & Gas Projects · Understanding P&ID and PFD

2 **Basic Instrumentation** 3 lessons

Instrumentation Basics · Concept of Input/Output and PCS vs SIS System · Instrument Wiring

3 **Engineering Documents Preparation** 6 lessons

Prepare Instrument Index · Prepare I/O List · Prepare Data Sheets · Review the Specification Document · Check Vendor Catalog · Check Cable Schedule

4 **Engineering Drawing Review** 6 lessons

Instrument Layout · Instrument Cable Route · Instrument Cable Block Diagram · Junction Box Wiring Diagram · Instrument Loop Diagrams · Hook-Up Drawing

FP **Final Project** 1 lessons

HOW IT WORKS

From first lesson to certificate

1. Download the video lessons and (real) project data for practice from the link we give you
2. Study all materials and follow the steps explained in the videos
3. Follow the exercise steps demonstrated in the videos
4. Complete the final project taken from a real project and consult it via WhatsApp/email
5. Send your project file to the mentor's email for review
6. Once you finish the final project, your certificate will be issued

CHOOSE A PACKAGE

SINGLE OJT

OJT Instrumentation Design For Oil Gas Plant

Skills required for a role in Instrumentation Design For Oil Gas Plant

19 video lessons · real-project case studies · mentor discussion · 100% online

Rp 2.500.000

COMPLETE PACKAGE Best value

OJT Instrument Engineer Complete Package

The right choice if your goal is to work as Instrument Engineer: no skill left behind, one single payment.

3 OJT Trainings at once: every skill you need to work as Instrument Engineer.

Instrumentation Sizing For Control Valve,Flow Element & Relief Device (using INSTRUCALC)	Rp 1.500.000
Instrumentation Design For Oil Gas Plant **(this OJT)**	Rp 2.500.000
Cause Effect Matrix	Rp 2.500.000

~~Rp 6.500.000~~ **Rp 5.500.000** **Save Rp 1.000.000 (15%)**

Sign up & full details at **www.terapan.id**

Questions? Chat on WhatsApp:

0851-3920-0080