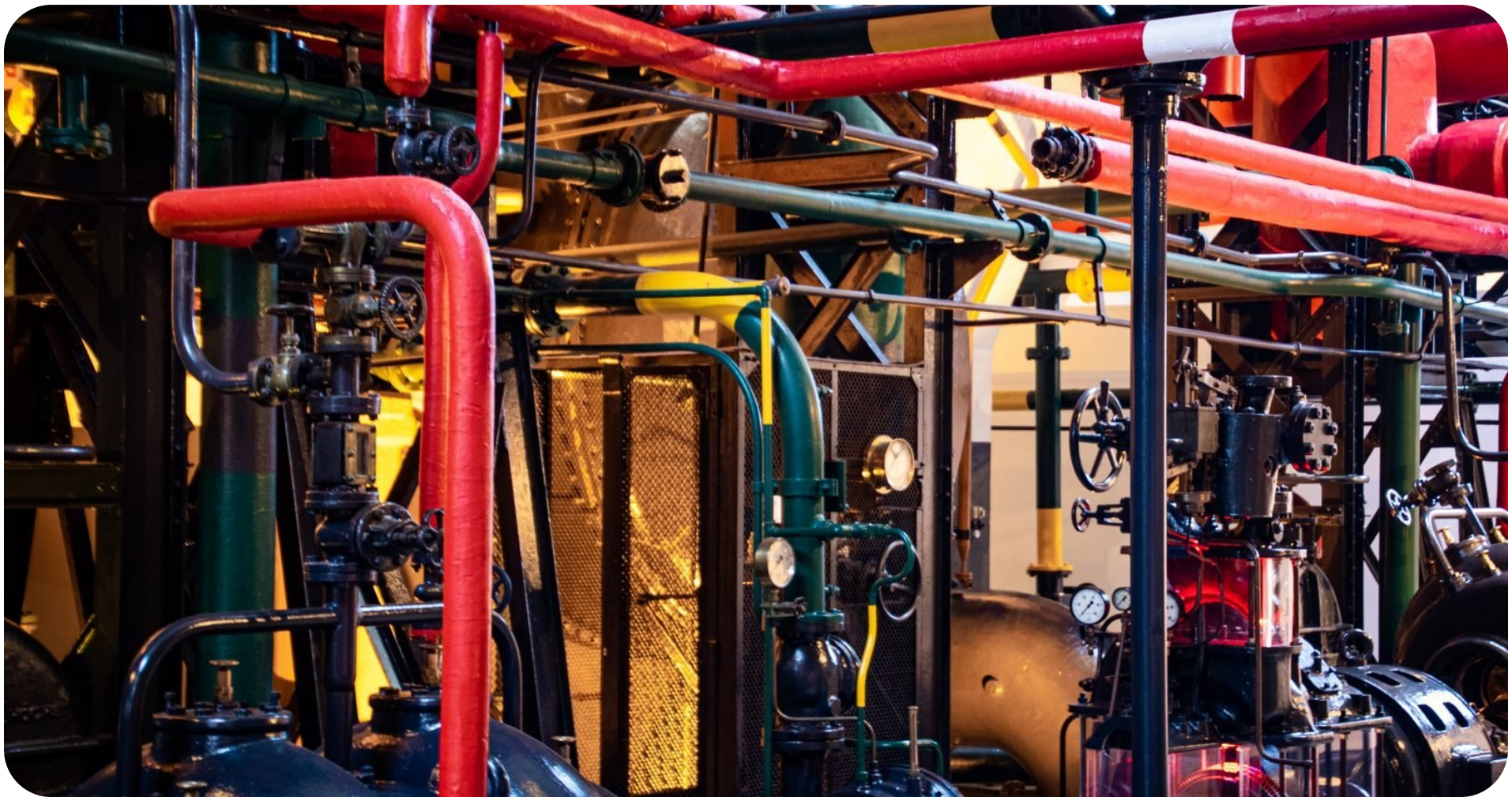
OJT TRAINING · INSTRUMENT ENGINEER

# Instrumentation Sizing For Control Valve,Flow Element & Relief Device (using INSTRUCALC)

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

Instrucalc training: size control valves, orifices and PSVs.

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



ABOUT THIS OJT

# Learn straight from real projects with OJT Instrumentation Sizing For Control Valve,Flow Element & Relief Device (using INSTRUCALC)

This OJT Training trains you to design and understand the operating principles of Control Valves, Flow Orifices and Pressure Relief Valves in an Oil & Gas Plant using INSTRUCALC.

After completing this OJT Training, participants will be able to:

1. Understand the function of Control Valves, Flow Orifices and Pressure Relief Valves in a process system
2. Calculate and size a Control Valve, Flow Orifice & Pressure Relief Valve according to process requirements
3. Prepare a Calculation Report for Control Valves, Flow Orifices and Pressure Relief Valves
4. Select instruments based on vendor catalogues

CURRICULUM

# What you'll learn

4 trainings · 12 lessons

1 **Control Valve** 5 lessons

Control Valve in Process Plant · Basic Operation of Control Valve · Control Valve Sizing and Calculation · Sizing and Calculation using INSTRUCALC · Report Preparation

2 **Flow Orifice** 3 lessons

Flow Orifice Principles · Sizing and Calculation using INSTRUCALC · Report Preparation

3 **Pressure Reliev Valve** 3 lessons

Basic Operation of Pressure Relief Valve · Sizing and Calculation using INSTRUCALC · Report Preparation

FP **Final Project** 1 lessons

Instrument Sizing and Calculation Report Preparation for Test Separator System in Wellhead Platform

HOW IT WORKS

# From first lesson to certificate

1. Participants have installed Instrucalc on their own laptop
2. Download the video lessons and (real) project data for practice from the link we give you
3. Study all materials and follow the steps explained in the videos
4. Follow the case modelling exercises in Instrucalc and the spreadsheets
5. Complete the final project taken from a real project and consult it via WhatsApp/email
6. Send your project file to the mentor's email for review
7. Once you finish the final project, your e-certificate is issued.

CHOOSE A PACKAGE

SINGLE OJT

## OJT Instrumentation Sizing For Control Valve,Flow Element & Relief Device (using INSTRUCALC)

Skills required for a role in Instrumentation Sizing For Control Valve,Flow Element & Relief Device (using INSTRUCALC)

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

**Rp 1.500.000**

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) **(this OJT)** | Rp 1.500.000 |
| Instrumentation Design For Oil Gas Plant | 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**