

Certificate ID : CMP-IPIC-IV-25-ATI-0110

ENGINEERING ACADEMY

Powered by Anak Teknik Indonesia

CERTIFICATE OF COMPLETION

This certificate is proudly presented to

Taraf Ghoniyal Muttaqin

**Has successfully completed the training of
Instrumentation and PID control
(Proportional - Integral - Derivative Controller)
Delivered by **Safira Putri Wibowo**
(Electrical and Instrument Engineer)**

**2 days training on 20,21 April 2025
Total duration 300 minutes (5 hours)**

Date Issued
30 April 2025

Scan
QR Code



Arkastra Bhrevijana
CEO Anak Teknik Indonesia

A black ink signature of Safira Putri Wibowo.

Safira Putri Wibowo
Electrical and Instrument Engineer



Post-Test
Project



Learning Modules Training of Instrumentation and PID control (Proportional - Integral - Derivative Controller)

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1. Philosophy Of Control System
2. FOPDT And IPDT System
3. Mathematical Modeling Of PID Control
4. Basic Proportional Control
5. Basic Proportional-Integral Control
6. Basic Proportional-Integral-Derivative Control
7. Control Determination Strategies For Industrial Applications
8. Machine Learning For PID Control In Industry
9. AI Tools For Programming Control System
10. Application In Industry (Oil And Gas, Mining, Manufacturer, Etc)
11. Project Study Case