Certificate ID : OFPLCHMI-VII-26-ATI-19253841

CERTIFICATE
OF COMPLETION

This certificate is proudly presented to

Adam Prigantar

Has successfully completed the training of

Offline Training: Industrial Automation Applications Using PLC & HMI

Delivered by **Viqih Taufik Nugroho**
(Mechatronic Trainer & Head of Engineering PT AKM)

3-day training held on 3, 4, and 5 July 2026
Total Duration: 24 Hours

Date Issued
5 July 2026

Scan
QR Code

Certificate
Validation

Arkastra Bhrevijana
CEO Anak Teknik
Indonesia

Viqih Taufik Nugroho
Mechatronic Trainer
Alpha Karya Mechatronics

Ferdi Isnanda
Business Offer Manager
Schneider Electric

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Learning Modules

Industrial Automation Applications Using PLC & HMI

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1. Introduction To PLC Hardware & Software
2. Identification Of PLC Hardware And Digital Input/Output Devices
3. General And Specific Functions Of PLC Systems
4. Introduction To HMI Hardware & Software
5. Basic Electrical Wiring For HMI Systems
6. Standard HMI Objects For Data Read & Write Operations
7. Communication Setup Between HMI And Schneider PLC
8. Basic Electrical Wiring For PLC And Digital I/O Systems (Minimum System Setup)
9. Using PLC & HMI Software For Programming Applications
10. Basic Logic Programming And Digital I/O Addressing
11. Operating Basic PLC Functions With I/O Devices
12. Program Handling: Download, Upload, And Online Monitoring
13. Troubleshooting PLC Hardware, Software, And I/O Devices + Digital Sensor Applications
14. Practical Exercises (Hands-On Implementation & Case Studies)

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