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This certificate is proudly presented to

Rafa Raihan Fadilla

Has successfully completed course of
Training Basic PLC & HMI Siemens Menggunakan Software TIA PORTAL
Delivered by **Dewantara Maulana**
(Automation Service Engineer)
4 days training on 07, 08, 14 & 15 January 2023
Total duration 600 minutes (10 hours)

Published on
January 16, 2023

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List of learning modules course of
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1. Overview TIA Portal (PLC) & I/O Wiring
2. Addressing & Program Structure
3. Download & Upload
4. Cross Reference & Programming Using Ladder
5. Instruction Set & Forcing I/O
6. Data Monitoring & Modification
7. Overview TIA Portal (HMI)
8. Communication Setup
9. Tag & Push Button
10. Animation & Numeric Display
11. Numeric Input & Alarm
12. Trend & Security