

Certificate of Achievement

It is hereby certified that

WAN NURBALQIS FAALIAH BINTI WAN BUKHARI

(IC No.: [REDACTED])

has successfully participated in the following course:

**Characteristics and Application of Pneumatics &
Electro-Pneumatics (FS-P-160)**

Halal Technical Expert (HTEX)

which was held on **4 - 17 November 2024**

at **Melaka Industrial Skills Development & Entrepreneurship Center
(MISDEC), Melaka**

The following topics were dealt with and successfully completed:

1. Physical principles of pneumatics and electro-pneumatics
2. Functions of pneumatics and electro-pneumatics components
3. Design of pneumatics and electrical circuits
4. Fault finding in pneumatics and electro-pneumatics system

MBOT CPD Hours: 12 Hours

Reference : MBOTATP/23/05/206



Herman Hisham Nor Hashim
FESTECH SDN BHD

FESTECH

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FESTECH

Certificate of Achievement

It is hereby certified that

WAN NURBALQIS FAALIAH BINTI WAN BUKHARI
(IC No.: [REDACTED])

has successfully participated in the following course:

**Characteristics, Application, Development and
Troubleshooting of Programmable Logic
Controller System (FS-C-110)**

SIEMENS S7-1200 with TIA Portal

Halal Technical Expert (HTeX)

which was held on **18 November – 4 December 2024**

at **Melaka Industrial Skills Development & Entrepreneurship Center
(MISDEC), Melaka**

The following topics were dealt with and successfully completed:

1. Describes the functions, construction principles and operation of programmable controllers
2. Identify electrical/electronic symbols according to standard and be able to draft circuit diagrams to appropriate standards
3. Describe and understand ladder diagram programming methods
4. Demonstrate loading and commissioning of PLC program in a safe manner

MBOT CPD Hours: 18 Hours

Reference : MBOTATP/23/05/206

**Herman Hisham Nor Hashim
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