

Certificate

Mr. Saeed Shafie

Attended

SIMATIC S7 PROGRAMMING II (ST- Pro 2)

From **17.05.2008** to **21.05.2008**

Main subject of the course:

Content

- Using structograms as a method for program design
- Functions, function blocks and multi-instances
- Jump commands and Accumulator operations
- Configuration of Breakpoints as a debugging tool
- Memory indirect addressing
- Integration of a drive (MM420) using PROFIBUS DP
- Monitoring and controlling the drive with the "Starter" software
- Using Error organization blocks to evaluate Profibus slave downtime
- Error management with error organization blocks
- Analyzing synchronous errors with organization blocks
- Analyzing S7 diagnostic data
- Writing user messages in the Diagnostic Buffer
- Troubleshooting and error messages with an HMI device (TP 170B)

Tehran 21.05.2008

Mr. Mohsen Feiz

Certificate

Mr. Saeed Shafie

Attended

SIMATIC S7 PROGRAMMING I (S7- Pro 1)

From 03.02.2007 to 07.02.2007

Main subject of the course:

- Familiarization with the performance characteristics of PLCs and programming devices.
- Ability to structure, generate, document and put into operation simple PLC programs with SIMATIC S7
- Being acquainted with the structure and execution of programs in SIMATIC S7 programmable controllers.
- Ability to use the STEP 7 tools for generating, documenting and testing of programs and for troubleshooting.
- Being able to handle date types, data storage and archiving.
- Using the STEP7 tool for configuring and parameterizing the CPU.
- Programming and using configurable blocks.

Tehran 07.02.2007

Mr. Davood Amini



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Training for Automation and Drives