

Abhisam is pleased to award this

Certificate of Competency

to

Camilo Lopez Rodriguez

(Learner ID No 1087003)

in

Industrial Cybersecurity

in recognition of successful completion of the e-learning course and
passing the examination in the above subject

PDH: 70

Course Contents

- Overview of Industrial Automation Systems (DCS/PLC/SCADA/SIS)
- Basic Concepts of Cybersecurity (including Threats & Vulnerabilities, Security Policies, Encryption, Cryptography, Malware, Defense in Depth, Types of Attacks, Backdoors, Firewalls, Hardening)
- Threats to IACS (including IACS Vulnerabilities, Attack Categories, Vectors)
- IACS Security Standards (including IEC 62443, Zones, Conduits, Security Levels, applicable parts of ISO 27000, ISO 31000, IEC 61508 & IEC 61511)
- Risk Assessment (Threat Assessment, Risk Evaluation, Consequences, Mitigation)
- IACS Security Lifecycle (including CSMS, People, Policies & Procedures, Hazard & Risk Analysis, Asset Inventory, Training, Secure Architecture, Devices & Software, Intrusion Detection, Event Logging, Incident Response, Backup & Restore, Patch Management)
- Case Study of a targeted IACS Cyberattack,
- Cyber Kill Chain, MITRE ATT&CK for ICS, Honeypots, Shodan alternatives, IEC 62443-2-4 compliance, Supply Chain Cybersecurity



Director

Date: 2nd November 2025

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