

Exam : Cybersecurity Design Specialist

**Title : ISA/IEC 62443
Cybersecurity Design Specialist**

Version : DEMO

1.What is the primary purpose of the Assessment Phase in the ICS Cybersecurity Lifecycle?

- A. To implement security controls
- B. To identify vulnerabilities and threats
- C. To maintain existing cybersecurity measures
- D. To create a conceptual design

Answer: B

Explanation:

The primary purpose of the Assessment Phase is to identify vulnerabilities and threats within the industrial control systems (ICS) environment, providing a foundation for effective cybersecurity measures.

2.Which of the following is a key output of the Implementation Phase?

- A. Cybersecurity training for staff
- B. A report detailing vulnerabilities
- C. Security policies and procedures
- D. A conceptual design document

Answer: C

Explanation:

The key output of the Implementation Phase is the creation of security policies and procedures that guide the operation and management of cybersecurity controls.

3.During the Assessment Phase, which method is most commonly used to identify vulnerabilities in ICS?

- A. Penetration testing
- B. Social engineering
- C. System hardening
- D. Security audits

Answer: D

Explanation:

Security audits are commonly used to identify vulnerabilities in ICS by reviewing system configurations, access controls, and compliance with security policies.

4.In the context of the ICS Cybersecurity Lifecycle, which activity is performed during the Maintenance Phase?

- A. Continuous monitoring and updates
- B. Security control implementation
- C. Risk assessment
- D. Initial system design

Answer: A

Explanation:

Continuous monitoring and updates of security controls are essential activities performed during the Maintenance Phase to ensure ongoing protection against emerging threats.

5.What is the primary focus of the Implementation Phase in the ICS Cybersecurity Lifecycle?

- A. Identifying threats and vulnerabilities

- B. Applying and managing cybersecurity controls
- C. Conducting regular security audits
- D. Evaluating system performance

Answer: B

Explanation:

The primary focus of the Implementation Phase is to apply and manage cybersecurity controls to protect the ICS environment effectively.