

Safety Integrity Level Certified Practice Test Questions and Answers

1. What does SIL stand for in functional safety?

- A) System Integration Level
- B) Safety Integrity Level
- C) Standard Industrial Limit
- D) Software Implementation Level

2. Which SIL level represents the highest level of safety integrity?

- A) SIL 1
- B) SIL 4
- C) SIL 2
- D) SIL 3

3. What is the primary standard governing SIL requirements for process industries?

- A) ISO 9001
- B) IEC 61511 (Functional Safety - Safety Instrumented Systems for the Process Industry)
- C) OSHA 1910
- D) NFPA 70

4. What is the key measure used to determine SIL level requirements?

- A) Equipment cost only
- B) Probability of Failure on Demand (PFD) and risk reduction requirements
- C) Installation time requirements
- D) Energy consumption levels

Answers: 1-B 2-B 3-B 4-B

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