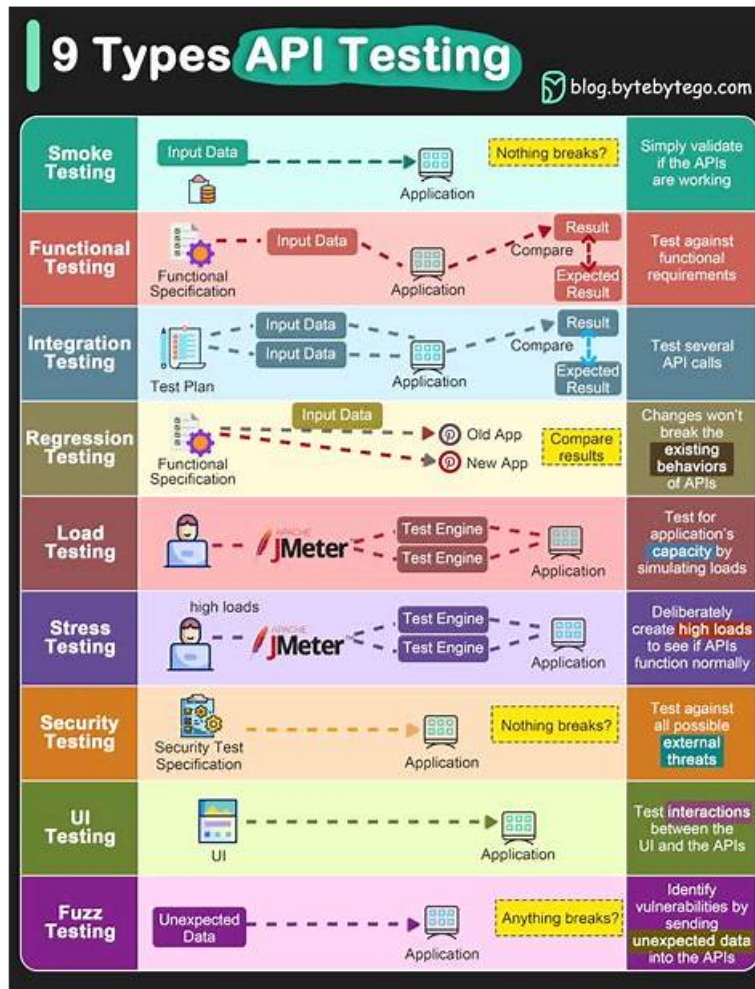


Free PDF Fantastic API - Test API-SIEE Collection



API-SIEE exam certification is an international recognition, which is equivalent to a passport to enter a higher position. The API-SIEE exam materials and test software provided by our PDFTorrent are developed by experienced IT experts, which have been updated again and again. Now you just take dozens of Euro to have such Reliable API-SIEE Test Materials. Once you get the certification you may have a higher position and salary.

After years of hard work, our API-SIEE guide training can take the leading position in the market. Our highly efficient operating system for API-SIEE learning materials has won the praise of many customers. If you are determined to purchase our API-SIEE study tool, we can assure you that you can receive an email from our efficient system within 5 to 10 minutes after your payment, which means that you do not need to wait a long time to experience our learning materials. Then you can start learning our API-SIEE Exam Questions in preparation for the exam.

>> Test API-SIEE Collection <<

Trust the Experts and Use Online API API-SIEE Practice Test Engine for Your Exam Preparation

Want to get a high-paying job? Hurry to get an international API-SIEE certificate! You must prove to your boss that you deserve his salary. You may think that it is not easy to obtain an international certificate. Don't worry! Our API-SIEE Guide materials can really help you. And our API-SIEE exam questions have helped so many customers to pass their exam and get according certifications. You can just look at the warm feedbacks to us on the website.

API Source Inspector Electrical Equipment Sample Questions (Q47-Q52):

NEW QUESTION # 47

What document provides information on design and installation of electrical systems for fixed and floating offshore petroleum facilities for unclassified and Class I, Zone 0, Zone 1 and Zone 2 locations?

- A. API RP 14F
- B. NFPA 70
- C. IEEE 841
- **D. API RP 14FZ**

Answer: D

NEW QUESTION # 48

What is the common industry term used for the dielectric withstand test?

- A. Current test
- **B. Hipot test**
- C. Voltage test
- D. Capacitor microfarad dielectric test

Answer: B

Explanation:

The correct answer is B because the common industry term for a dielectric withstand test is the Hipot test, short for high-potential test. This test is used to verify that the insulation system of electrical equipment can withstand an applied voltage higher than its normal operating voltage for a specified period without breakdown, flashover, or excessive leakage current. It is widely used during factory testing and acceptance testing for equipment such as switchgear, control panels, transformers, motors, and cables. In inspection practice, the dielectric withstand or Hipot test is an important confirmation of insulation integrity after assembly or manufacture. It is different from an insulation resistance test, which measures resistance in ohms using DC voltage. A Hipot test instead stresses the insulation at a specified elevated voltage to demonstrate that the insulation system is sound. The other options are incorrect because voltage test is too generic, current test does not describe the purpose, and capacitor microfarad dielectric test is not a recognized common industry name. Therefore, the standard industry term for the dielectric withstand test is Hipot test, making option B the verified answer.

NEW QUESTION # 49

Deviations from specifications must be approved by the:

- A. manufacturer's engineer.
- **B. responsible engineer.**
- C. inspection coordinator.
- D. vendor's quality manager.

Answer: B

Explanation:

The correct answer is B because any deviation from the approved specification, code requirement, purchase document, or design basis must be formally accepted by the responsible engineer, not simply by manufacturing, quality, or inspection personnel. In source inspection practice, the manufacturer's engineer may identify or propose a deviation, and the vendor's quality manager may document it within the nonconformance system, but neither of them has final authority to approve a change that affects design intent, technical compliance, or purchaser requirements. The inspection coordinator also manages logistics and communication, but is not the technical approval authority.

This is a fundamental principle in API-aligned source inspection and surveillance. The source inspector verifies conformance to the approved drawings, specifications, and referenced standards. When a deviation is found, it must be handled through the formal deviation or concession process and resolved by the party with technical design responsibility. That is why the responsible engineer is the correct approving authority. This preserves engineering accountability, maintains traceability, and ensures that any departure from specification is technically evaluated before acceptance. Therefore, option B is the verified answer.

NEW QUESTION # 50

According to IEEE 841, unless otherwise specified, all electrical performance tests shall be conducted in accordance with:

- A. IEEE Std 522.
- B. IEEE Std 117.
- C. NEMA MG-1.
- **D. IEEE Std 112.**

Answer: D

Explanation:

The correct answer is B, IEEE Std 112. IEEE 841 applies to severe-duty, totally enclosed squirrel-cage induction motors used in petroleum and chemical industry service, and when it refers to electrical performance testing, the standard points to IEEE Std 112 as the governing test method unless the purchase specification states otherwise. IEEE Std 112 is the recognized standard for defining methods to determine motor performance characteristics such as efficiency, losses, current, power factor, and related operating behavior during testing.

The other options are not the best answer for this question. NEMA MG-1 is a broad motor standard covering design, construction, and application requirements, but it is not the primary referenced document for conducting electrical performance tests in this context. IEEE Std 117 relates more to test procedures and acceptance considerations for certain motor categories, but not the default performance-test basis cited here.

IEEE Std 522 is associated with insulation testing of form-wound stator coils and windings, not overall motor electrical performance testing.

Therefore, for source inspection of large electric motors, the correct referenced performance-test standard is IEEE Std 112.

NEW QUESTION # 51

NEMA rated motor controllers require a minimum range of conductor sizes for a specific size controller. Which of the following conductor sizes is appropriate for a Size 2 controller?

- A. 2-2/0 AWG at 60°C rated cable and 2-4/0 AWG at 75°C rated cable
- B. 2/0 AWG -250MCM at 60°C rated cable and 2/0 AWG -350MCM at 75°C rated cable
- **C. 10-4 AWG at 60°C rated cable and 10-6 AWG at 75°C rated cable**
- D. 10-2/0 AWG at 60°C rated cable and 10-4/0 AWG at 75°C rated cable

Answer: C

Explanation:

The correct answer is D. For a NEMA Size 2 motor controller, the appropriate conductor range is 10 AWG to 4 AWG for 60°C rated cable and 10 AWG to 6 AWG for 75°C rated cable. This matches the common NEMA controller terminal wire range used for Size 2 starters and controllers in industrial motor control applications.

In practical source inspection and shop verification, this matters because the inspector must confirm that the controller terminals are suitable for the intended field wiring and that the manufacturer's assembly, labels, and terminal data are consistent with the governing standard and purchase specification.

The API Guide for Source Inspection and Quality Surveillance of Electrical Equipment includes Motor Control Centers among the major covered equipment categories for source inspection. The guide also makes clear that its focus is on source inspection and quality surveillance activities, meaning verification of compliance with drawings, specifications, nameplates, and applicable referenced standards during manufacture and inspection. Since MCC buckets and NEMA motor controllers rely on proper terminal and conductor compatibility, option D is the correct NEMA-aligned answer.

NEW QUESTION # 52

.....

Our API-SIEE preparation exam have assembled a team of professional experts incorporating domestic and overseas experts and scholars to research and design related exam bank, committing great efforts to work for our candidates. Most of the experts have been studying in the professional field for many years and have accumulated much experience in our API-SIEE Practice Questions. The high-quality of our API-SIEE exam questions are praised by tens of thousands of our customers. You may try it!

Practice API-SIEE Tests: <https://www.pdf torrent.com/API-SIEE-exam-prep-dumps.html>

Also, we offer 1 year free updates to our API-SIEE exam esteemed users; and these updates will be entitled to your account right from the date of purchase, PDFTorrent offers web-based API-SIEE practice exams and desktop Source Inspector Electrical Equipment (API-SIEE) practice test software so that our customers can give unlimited API API-SIEE practice tests and make

