

Pass Guaranteed API - Authoritative API-SIEE - Reliable Source Inspector Electrical Equipment Test Tutorial

API SIEE SOURCE INSPECTOR ELECTRICAL EQUIPMENT EXAM 2026 COMPLETE PRACTICE QUESTIONS AND ANSWERS

- entrance Ell. Answer:

- Meter Base. Answer:

- Service Head. Answer:

- Ground Rod. Answer:

- Ground Rod Clamp. Answer:

- #6 Gauge Grounding Wire (solid). Answer:

- #14-2 w/Ground nm Cable. Answer:

- #12-2 w/Ground nm Cable. Answer:

- #12-3 w/Ground nm Cable. Answer:

At TrainingQuiz, we are aware that every applicant of the Source Inspector Electrical Equipment (API-SIEE) examination is different. We know that everyone has a distinct learning style, situations, and set of goals, therefore we offer API API-SIEE updated exam preparation material in three easy-to-use formats to accommodate every exam applicant's needs. This article will go over the three formats of the Source Inspector Electrical Equipment (API-SIEE) practice material that we offer.

API API-SIEE Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Electrical Skid Mounted Equipment: Addresses inspection of skid-mounted assemblies including hazardous location equipment, grounding, cable systems, control wiring, and applicable codes.
Topic 2	<ul style="list-style-type: none">• Examination Methods, Tools and Equipment: Covers the inspection techniques used in the field, including dimensional, visual, electrical testing, functional testing, and coatings inspections.
Topic 3	<ul style="list-style-type: none">• Liquid-Immersed Transformers: Covers the design, construction, and applicable industry codes and standards for liquid-immersed transformers.
Topic 4	<ul style="list-style-type: none">• Terms and Definitions: Covers the foundational terminology and definitions used throughout electrical source inspection work.

- **Electrical Inspection Tools and Test Equipment:** Covers the tools and test equipment used by inspectors to perform electrical source inspections.

>> **Reliable API-SIEE Test Tutorial** <<

Error-Free API API-SIEE Exam Questions PDF Format

It's time to take the API API-SIEE practice test for self-assessment once you have prepared with API-SIEE PDF questions. Taking TrainingQuiz's web-based API API-SIEE practice test is the best method to feel the real API API-SIEE Exam scenario. TrainingQuiz offers the customizable web-based API API-SIEE practice test that is compatible with all browsers like MS Edge, Chrome, Firefox, etc.

API Source Inspector Electrical Equipment Sample Questions (Q91-Q96):

NEW QUESTION # 91

A source inspection coordinator is determining whether an item should receive resident inspection rather than final inspection only. Which factor is MOST directly relevant?

- A. Color of enclosure paint
- B. Whether the item is stored indoors
- C. Number of supplier sales offices
- **D. Probability and consequence of failure**

Answer: D

NEW QUESTION # 92

What electronic instrument is used for measuring electrical potential difference between two points in an electric circuit?

- **A. Voltmeter**
- B. Amp meter
- C. Wheatstone bridge
- D. Potentiometer

Answer: A

Explanation:

The correct answer is C, Voltmeter. A voltmeter is the instrument specifically used to measure the electrical potential difference, or voltage, between two points in a circuit. In electrical inspection and testing, voltage measurement is fundamental for verifying whether circuits, terminals, control panels, and equipment are energized at the correct values required by the design documents and equipment ratings. During source inspection and quality surveillance, understanding the correct use of test instruments is important because inspectors may review or witness electrical tests that confirm compliance with specifications and safe operating conditions. The other options are not correct for this purpose. An amp meter measures current flow, not voltage. A Wheatstone bridge is primarily used for precise resistance measurement. A potentiometer is generally a variable resistor or a device used in circuit adjustment and comparison methods, but it is not the standard instrument identified for routine measurement of potential difference in a circuit.

Therefore, when the question asks which instrument measures voltage between two points, the technically correct and standard answer is voltmeter.

NEW QUESTION # 93

According to API 541, subsequent to completion of manufacture and testing, the vendor shall revise and resubmit the previously supplied purchase data including all the following except:

- **A. rotor-balance report.**
- B. operating manual.
- C. as-built data sheet.

- D. shop test data.

Answer: A

Explanation:

The correct answer is A. Under API 541, after manufacture and testing are complete, the vendor is required to revise and resubmit previously supplied purchase data to reflect the final delivered motor configuration and verified test results. This normally includes items such as the operating manual, the as-built data sheet, and the shop test data, because these documents are part of the final turnover package needed by the purchaser for installation, operation, maintenance, and records of compliance.

A rotor-balance report may certainly exist as part of manufacturing quality records or internal test documentation, and it can be important for vibration and mechanical integrity. However, it is not typically identified as part of the revised and resubmitted purchase data set in the same way as the operating manual, as-built data sheet, and shop test data. In source inspection practice, this distinction matters because not every internal manufacturing record becomes part of the formal purchaser data resubmittal package. Therefore, among the listed options, the item that is the exception is the rotor-balance report, making option A the verified answer.

NEW QUESTION # 94

Apparent power is measured in:

- A. watts.
- B. mhos.
- C. vars.
- **D. volt-amperes.**

Answer: D

Explanation:

The correct answer is C because apparent power in an AC electrical system is measured in volt-amperes VA.

Apparent power represents the total electrical power supplied to a circuit and is the combination of real power and reactive power. Real power, which performs useful work such as turning a motor shaft or producing heat, is measured in watts. Reactive power, which supports magnetic and electric fields in inductive or capacitive equipment, is measured in vars. Apparent power is therefore the vector sum of these two and is expressed in VA or larger units such as kVA and MVA.

The other options are incorrect for this reason. Mhos is a unit of conductance, not power. Vars measure reactive power only. Watts measure true or active power only. In source inspection and quality surveillance of electrical equipment, understanding these distinctions is important when reviewing motor data sheets, transformer ratings, switchgear load data, and electrical test reports. Equipment such as transformers and generators are commonly rated in kVA or MVA because their thermal and current-carrying capability is tied to apparent power, making volt-amperes the correct answer.

NEW QUESTION # 95

According to API 541, when shall the vendor provide calculated data from the final witness testing?

- A. At time of final shipment
- B. Immediately upon completion of testing
- **C. Two weeks following testing**
- D. Upon request

Answer: C

Explanation:

The correct answer is A. Under API 541, the vendor is required to provide the calculated data from the final witness testing within two weeks following completion of the testing. This requirement recognizes that some final witnessed test results, especially those involving calculated performance values, are not always fully available at the exact moment the physical test ends. The vendor may need additional time to review recorded measurements, perform the required calculations, validate the data, and assemble the final certified test package.

This timing requirement is important in source inspection because the witnessed test may produce both directly observed readings and post-test calculated results. The source inspector confirms that the testing itself was properly performed and witnessed, while the final calculated package must still be submitted within the standard's required period so the purchaser can verify guaranteed motor performance and compliance. The other options are not the best match for the API 541 wording. "Upon request" is too indefinite, "at time of final shipment" may be too late, and "immediately upon completion of testing" does not allow for the calculation and certification process. Therefore, two weeks following testing is the verified API 541 answer.

