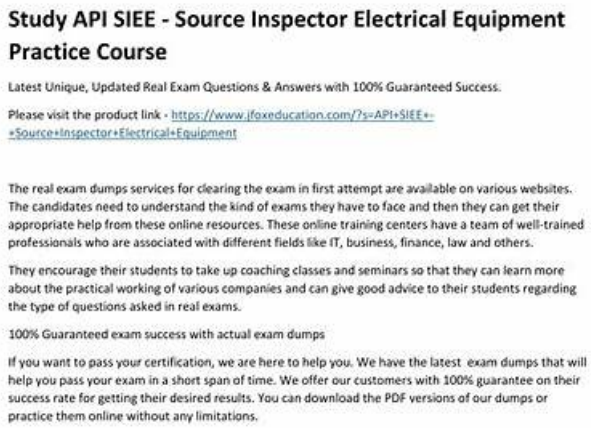
API-SIEE Prüfungsvorbereitung & API-SIEE Zertifizierungsprüfung



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API API-SIEE Unterlagen von ZertPruefung sind besser als andere entsprechende Unterlagen für API API-SIEE Prüfung, weil sie einmaligen Erfolg der Prüfung gewährleisten. Die hohe Durchlaufrate sind von vielen Kadidaten geprüft. API API-SIEE Dumps von ZertPruefung sind der erfolgsreiche Weg. Sie können viel Zeit für die Vorbereitung der API-SIEE Prüfung sparen und auch mit guter Note die API-SIEE Zertifizierungsprüfung machen.

API API-SIEE Prüfungsplan:

Thema	Einzelheiten
Thema 1	• Electrical Skid Mounted Equipment: Addresses inspection of skid-mounted assemblies including hazardous location equipment, grounding, cable systems, control wiring, and applicable codes.
Thema 2	• Source Inspection Performance: Covers inspector conduct, safety, project document review, report writing, and handling nonconformances and deviations during inspections.
Thema 3	• Liquid-Immersed Transformers: Covers the design, construction, and applicable industry codes and standards for liquid-immersed transformers.
Thema 4	• Electrical Inspection Tools and Test Equipment: Covers the tools and test equipment used by inspectors to perform electrical source inspections.

Thema 5	• Motor Control Centers (Low to Medium Voltage): Covers design standards, materials, enclosure types, breakers, amp capacity, cable entry, and grounding components for MCCs.

>> API-SIEE Prüfungsvorbereitung <<

API-SIEE Zertifizierungsprüfung, API-SIEE Deutsche

Nach dem Entstehen der Dumps zur API API-SIEE Zertifizierungsprüfung ist es kein Traum der IT-Fachleuten mehr, die API API-SIEE Zertifizierungsprüfung zu bestehen. Die Qualität der Prüfungsfragen und Antworten zur API API-SIEE Zertifizierungsprüfung von ZertPruefung ist hoch. Die Ähnlichkeit mit den realen Fragen beträgt 95%. ZertPruefung ist Ihnen doch besitzenswert. Wenn Sie die Produkte von ZertPruefung wählen, heißt das, dass Sie sich gut auf die API API-SIEE Zertifizierungsprüfung vorbereitet haben. Ohne Zweifel können Sie die API API-SIEE Prüfung sicher bestehen.

API Source Inspector Electrical Equipment API-SIEE Prüfungsfragen mit Lösungen (Q94-Q99):

94. Frage
This device is a(n):

- A. engineer's scale.
- B. vernier caliper.
- C. digital caliper.
- D. micrometer.

Antwort: D

Begründung:
The correct answer isAbecause the illustrated device is anoutside micrometer. Its labeled parts clearly identify it:frame, anvil, spindle, lock nut, thimble, and ratchet knob. These are the standard components of a micrometer used for highly accurate dimensional measurement of outside diameters, thicknesses, and small gaps. In source inspection and quality surveillance, this type of instrument is commonly used when verifying critical dimensions of machined parts, shaft diameters, plate thicknesses, and other precision features that must comply with drawings and manufacturing tolerances.
The other options do not match the image. Adigital caliperhas sliding jaws and an electronic display. Avernier caliperalso uses sliding jaws with a vernier scale, not a rotating thimble and spindle arrangement. Anengineer' s scaleis a straight rule used for scaled drawing measurements, not for precision mechanical inspection. In API-aligned source inspection practice, understanding inspection tools is essential because inspectors must use the correct measuring instrument for the required tolerance and ensure that the device is properly controlled and calibrated. Therefore, the pictured instrument is correctly identified as amicrometer, makingoption Athe verified answer.

95. Frage
The insulation resistance test uses what type of applied voltage?

- A. Half-wave pulsating
- B. DC
- C. Full-wave rectified
- D. AC

Antwort: B

Begründung:
The correct answer isBbecause aninsulation resistance testis performed by applying adirect current DC voltageto the insulation system and then measuring the resistance to leakage current. This is the basic operating principle of amegohmmeter, which is the instrument commonly used for this test. DC is used because it allows the tester to evaluate insulation leakage characteristics in a stable and controlled way without the capacitive and reactive effects that would complicate interpretation if AC were used.
This aligns with standard electrical inspection and test practice for cables, motors, transformers, switchgear, and control equipment. The purpose of the test is to assess insulation condition without causing damage when the proper test voltage is selected. That is why

insulation resistance testing is generally considered anon- destructive diagnostic test. The other options are incorrect because AC is used for different types of testing, while half-wave pulsating and full-wave rectified waveforms are not the standard answer for insulation resistance testing terminology in inspection practice. In API-aligned source inspection, verifying proper test methods, correct instruments, and valid recorded results is essential when reviewing factory test documentation for electrical equipment.

96. Frage
As part of a purchase order, what type of documents typically supplement industry standards?

- A. Material Test Reports
- B. Client Standards
- C. Supplier Quality Standards
- D. Manufacturing Standards

Antwort: B

Begründung:
The correct answer isDbecause, in source inspection and procurement practice,client standardsare commonly included in or referenced by thepurchase orderto supplement generalindustry standards. Industry standards such as API, IEEE, NEMA, IEC, and NFPA establish broad technical requirements, but they often do not capture all of the purchaser's project-specific expectations. Client standards fill that gap by adding requirements for materials, testing, documentation, preservation, coating, marking, data submission, inspection hold points, and deviations or concessions.
This is a key concept in API-aligned source inspection. The source inspector does not verify equipment only against generic published standards. The inspector must verify conformance to thepurchase order, project specifications, approved drawings, applicable codes and standards, and purchaser-specific requirements. In that framework, client standards are a normal supplement to industry standards. The other options are less appropriate.Supplier quality standardsandmanufacturing standardsare usually internal vendor documents, whilematerial test reportsare records of compliance, not governing standards. Therefore, the documents that typically supplement industry standards as part of a purchase order areclient standards, makingoption Dthe verified answer.

97. Frage
A visual inspection includes verification of all the following except:

- A. nameplate data.
- B. a Point-to-Point test.
- C. equipment grounding.
- D. that line drawings match equipment.

Antwort: B

Begründung:
The correct answer isDbecause aPoint-to-Point testis anelectrical continuity and functional verification test, not a visual inspection activity. In API source inspection and quality surveillance of electrical equipment, a visual inspection is concerned with what can be directly observed and compared against approved documentation, specifications, and fabrication requirements. This includes verifying that the equipment arrangement matches applicable drawings, checkingnameplate datafor correctness, confirming thatgrounding provisionsare present and properly installed, and ensuring the physical build appears consistent with design requirements.
APoint-to-Point test, by contrast, is performed to verify that wiring connections are electrically correct from one termination point to another. It is typically part of checkout, continuity verification, or functional testing rather than a simple visual examination. That is why options A, B, and C all fall within the scope of visual inspection, while D does not.
From a source inspector's standpoint, the distinction matters because visual checks confirm physical conformance, whereas point-to-point testing confirms circuit correctness and wiring integrity through an active test process.

98. Frage
What method is used to verify tightness of accessible bolted electrical connections?

- A. Visual inspection of torque markings
- B. Verification of assembly check sheet
- C. Compression of the lock-nut

- D. Calibrated torque wrench

Antwort: D

Begründung:
The correct answer isD. Calibrated torque wrench. In source inspection and quality surveillance of electrical equipment, the accepted method for verifying the tightness ofaccessible bolted electrical connectionsis to check them using aproperly calibrated torque wrenchagainst the manufacturer's specified torque values. This is the most reliable way to confirm that the connection has been tightened to the required mechanical and electrical standard. Proper torque is critical because under-tightening can produce high resistance, localized heating, arcing, and eventual failure, while over-tightening can damage threads, connectors, lugs, or bus material.
The other options do not provide a true verification method.Compression of the lock-nutis not a recognized measurement of electrical connection tightness.Visual inspection of torque markingsmay indicate that tightening was performed, but it does not independently verify the actual torque achieved.Verification of an assembly check sheetonly confirms that work was recorded, not that the joint currently meets the specified torque requirement. Therefore, for source inspectors evaluating electrical assemblies, the correct and defensible method is use of acalibrated torque wrenchto verify accessible bolted electrical connections.

99. Frage
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