

Latest API-936 Exam Real Tests Free Updated Today [Q44-Q61]



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API-936 Real Exam Question Answers Updated [Jun 14, 2023]

API-936 (Refractory Personnel) Certification Exam is an internationally recognized certification program designed for individuals who are involved in the installation, inspection, testing, and maintenance of refractory materials used in high-temperature environments. This certification is offered by the American Petroleum Institute (API), which is a leading industry association that sets standards for the oil and gas industry. The API-936 certification exam tests the knowledge and skills of the individuals in the field of refractory materials and their application in various industrial processes.

Q44. As installed testing is the terminology for testing refractory that was sampled during installation in order to confirm that they meet specified.

- * Physical property standards
- * Chemical property standards
- * Both as above
- * None of the above

Q45. The most common sizes in thickness for hex mesh are

- * ¾ in or 19mm (19mm or 25mm)
- * (20 mm; 25mm)
- * (10 mm; 20mm)
- * None of the above

Q46. Metallic anchor made from rod or bar and usually used for dual layer linings that are configured in

- * Y shape
- * V shape
- * U shape
- * All of the above

Q47. The welding method utilizing an arc-welding machine in conjunction with a timer and a gun is called

- * V-anchor
- * Footed anchor
- * Stud weld
- * None of the above

Q48. A refractory materials, stiffer than plastic, that cannot be extruded but has suitable properties to permit ramming into place to form a monolithic structure

- * Plastic refractory
- * Ramming mix
- * Monolithic refractory
- * None of the above

Q49. The standard test method for abrasion resistance of refractory materials at room temperature is

- * C 181 - 91
- * C 704 - 01
- * C 133 - 97
- * None of the above

Q50. The test specimen of castable refractory for cold crushing strength shall be

- * 2 in. (51mm) cubes
- * Cylinders, 2 in. (51mm) in dia. by 2 in. (51 mm) height
- * a or b
- * none of the above

Q51. For fire clay and some high alumina materials, the most commonly used index of refractoriness is known as:

- * Refractoriness
- * Pyrometric cone equivalent
- * Refractoriness under load
- * None of the above

Q52. Mechanical wearing away of the surfaces of refractory bodies in service by washing action of moving liquid or gases is called

- * Erosion of refractories
- * Spalling of refractories
- * Crumble of refractories
- * None of the above

Q53. To compose a sample for the CCS test from an equivalent number of refractory shapes the specimen should be

- * At least five
- * At least three
- * At least four
- * None of the above

Q54. Materials having refractory properties which form a refractory body when bonded into a conglomerate mass by a matrix is called

- * Cementitious concrete
- * Refractory mass
- * Refractory aggregate
- * None of the above

Q55. Testing frequency for material qualification of refractory for erosion service requires

- * 1 sample per pallet or less from each production run
- * 1 sample per pallet or more from each production run
- * 2 samples per pallet or more from each production run
- * None of the above

Q56. The term that describes the condition of pre-set refractory in which gravitational forces cause it to lose its desired shaped is called

- * Bloating
- * Punky
- * Slumping
- * None of the above

Q57. Pre-turn around planning means

- * At least 6 months prior to the turnaround
- * At least 12 months prior to the turnaround
- * At least 8 months prior to the turnaround
- * Any of the above

Q58. Enclosure inside the top head of a reactor or regenerator vessel which supports the cyclones and in which gases exiting the cyclone outlets are collected is called

- * Cyclone of FCCU
- * Plenum of FCCU
- * Riser of FCCU
- * None of the above

Q59. API 936 documentation should content

- * Execution details
- * Design details
- * Quality standards
- * All above

Q60. For modules of rupture test of brick and shapes, the preferred test specimen shall be standard

- * 228 x 114 x 64 or 76mm
- * 150 x 114 x 76mm
- * 200 x 150 x 76mm
- * None of the above

Q61. Commercially on calcined basis bauxite must contain at least

- * 65% fused silica
- * 60% alumina
- * 65% alumina
- * None of the above

API-936 (Refractory Personnel) Certification Exam is a globally recognized certification program that is designed to test and certify individuals with knowledge and expertise in the field of refractory materials. The API-936 certification is a valuable credential for professionals working in the petroleum, petrochemical, and power generation industries, where refractory materials play a critical role in the design and maintenance of high-temperature equipment.

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