

API-936 Reliable Test Simulator - Reliable API-936 Practice Questions

API 936 PRACTICE TEST (2024) QUESTIONS & ANSWERS SOLVED 100% CORRECT!!

What does the scope of API 936 provide? Answer- Provides installation quality control guidelines for monolithic refractory lining and may be used to supplement owners specifications

What section of API 936 mentions the responsibilities of the inspector? Answer- The scope of the inspector responsibilities who monitor and control the quality control process are also defined

What two items if using API 936 are mandatory to be done? Answer- The refractory applied by this guideline shall be sampled and tested to verify that physical properties meet intended criteria

What is the acceptance / rejection criteria for qualifications testing as per API 936? Answer- For both material and applicator qualification testing, the average physical properties for each sample shall fully meet the criteria established for that material in API 936

What are the acceptance / rejection criteria for as-installed testing? Answer- Based on criteria and procedure prior to work to start

What are the qualifications of inspection personnel? Answer- 1. The inspector shall have no commercial affiliations with the contractor or manufacturer(s), unless otherwise agreed to by the owner
2. The inspector shall have a working knowledge of applicable standard and terms as defined in attached appendixes of this document
3. The inspector shall have a working knowledge or requirements defined in this document, owner specifications and job specific requirements outlined by the owner or manufacturer.

What are the responsibilities of inspection personnel? Answer- 1. The inspector shall monitor qualification and production work conducted by the manufacturer(s) and contractor to ensure compliance with job specifications and agreed-to-quality standards
2. The inspector shall notify the owner and the contractor in a timely manner of any work deficiencies or potential deficiencies based on his or her monitoring of material qualification and the installation process

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Are you aware of the importance of the API-936 certification? If your answer is not, you may place yourself at the risk of being eliminated by the labor market. Because more and more companies start to pay high attention to the ability of their workers, and the API-936 certification is the main reflection of your ability. If you want to maintain your job or get a better job for making a living for your family, it is urgent for you to try your best to get the API-936 Certification. We are glad to help you get the certification with our best API-936 study materials successfully.

Obtaining an API-936 certification is a valuable asset for individuals who work in the refractory industry, as it demonstrates their knowledge and expertise in a specialized area. Additionally, many employers require their employees to hold this certification to ensure that their workforce is competent and knowledgeable in the installation and maintenance of refractory materials. Passing the API-936 Certification Exam requires a significant amount of preparation and studying, but the benefits of obtaining this certification can be substantial, both in terms of career advancement and personal development.

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API-936 certification is highly valued by employers in the refractory industry and is recognized globally as a mark of proficiency and expertise. Refractory Personnel certification demonstrates that the individual has the necessary knowledge and skills to work with refractory materials in a safe and effective manner, and can contribute to the success of refractory projects.

API-936 (Refractory Personnel) Certification Exam is an industry-recognized certification that evaluates and certifies the knowledge and skills of professionals working in the refractory industry. Refractory materials are used in high-temperature environments such as furnaces, boilers, and reactors. They play a critical role in ensuring the safe and efficient operation of these systems. The API-936 Certification Exam assesses the knowledge and skills required to ensure that refractory materials are installed, inspected, and maintained in accordance with industry standards and best practices.

API Refractory Personnel Sample Questions (Q86-Q91):

NEW QUESTION # 86

The vessel in which the cracking reaction occurs or is completed, and in which the product gases are separated from coke and/or catalyst particulate, is the:

- A. reactor.
- B. stripper.
- C. stand pipe.
- D. regenerator.

Answer: A

Explanation:

This definition is rooted in petroleum refining terminology used in the context of fluid catalytic cracking (FCC) units:

"Reactor: The vessel in which the cracking reaction occurs or is completed and in which the product gases are separated from coke and/or catalyst particulate."

- API Std 936, Definitions, Section 3

Option B is the correct term describing this component. A stripper removes volatiles, a regenerator burns off coke from spent catalyst, and a standpipe is used for catalyst transport-not for the cracking reaction itself.

NEW QUESTION # 87

Which function of refractories is to resist temperature?

- A. None of the above
- B. Primary function
- C. Tertiary function
- D. Secondary function

Answer: B

NEW QUESTION # 88

In accordance with TR 980, when curing a high-purity, low-cement castable for a high-temperature unit, which of the following sequences ensures minimum cracking risk?

- A. Dryout using open flame burners after form removal
- B. Steam curing for 48 hours followed by firing at 1500°F
- C. Accelerated drying using forced air at 400°F for 12 hours
- D. Air curing for 24 hours, followed by controlled heating ramp of 50°F/h up to 600°F

Answer: D

Explanation:

TR 980 outlines curing and dryout best practices for monolithic refractories. For high-purity low-cement castables, gradual heat-up is necessary to avoid thermal shock and cracking:

"A minimum 24-hour air cure at ambient temperature should be followed by a controlled dryout ramp not exceeding 50°F (28°C) per hour up to 600°F (316°C)."

- TR 980, Section 6.4.2

NEW QUESTION # 89

Compositions of ground refractory materials develop a strong bond at air ambient temperatures by virtue of chemical reactions within the binder phase that is usually activated by water additions. These refractories include cement and phosphate bonded castables is called:

- A. Air and heat setting refractory
- **B. Air setting refractories**
- C. None of the above
- D. Heat setting refractories

Answer: B

NEW QUESTION # 90

The most common sizes in thickness for hex mesh are

- A. $\frac{3}{4}$ in or 1" (19mm or 25mm)
- B. None of the above
- C. (20 - 25mm)
- D. (10 - 20mm)

Answer: A

NEW QUESTION # 91

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