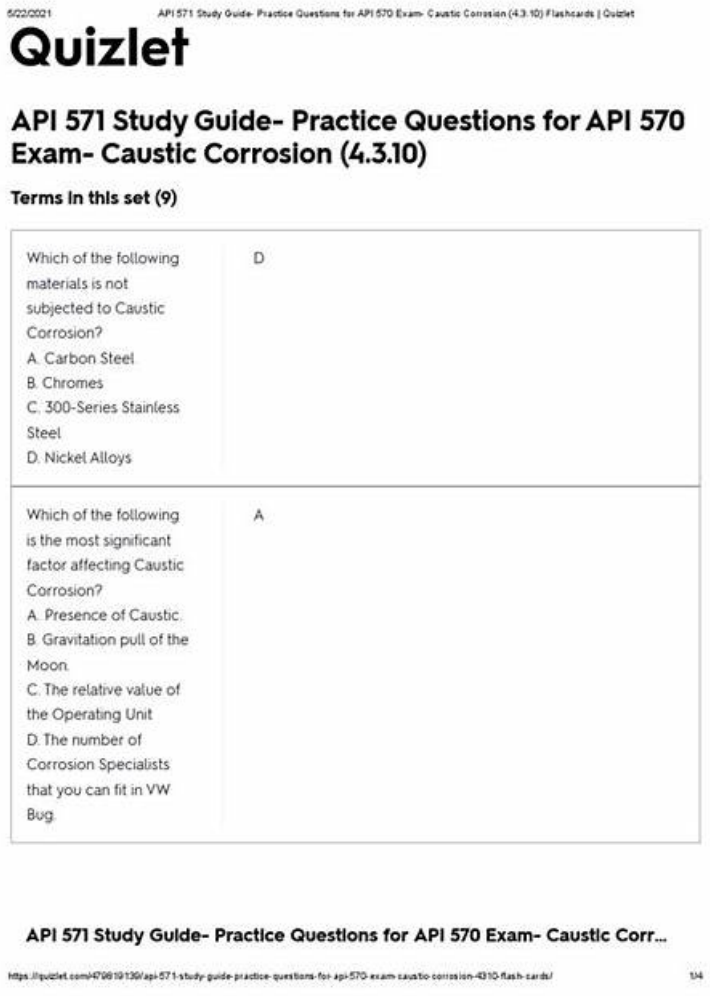
IT-Tests API-571 Test Study Guide, Answer API API-571 Practice Exam Questions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Quizlet

API 571 Study Guide- Practice Questions for API 570 Exam- Caustic Corrosion (4.3.10)

Terms in this set (9)

Which of the following materials is not subjected to Caustic Corrosion? A. Carbon Steel B. Chromes C. 300-Series Stainless Steel D. Nickel Alloys	D
Which of the following is the most significant factor affecting Caustic Corrosion? A. Presence of Caustic. B. Gravitation pull of the Moon. C. The relative value of the Operating Unit D. The number of Corrosion Specialists that you can fit in VW Bug.	A

API 571 Study Guide- Practice Questions for API 570 Exam- Caustic Corr...

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The only aim of our company is to help each customer pass their exam as well as getting the important certification in a short time. If you want to pass your exam and get the API-571 certification which is crucial for you successfully, I highly recommend that you should choose the API-571 study materials from our company so that you can get a good understanding of the exam that you are going to prepare for. We believe that if you decide to buy the API-571 Study Materials from our company, you will pass your exam and get the certification in a more relaxed way than other people.

API-571 Exam topics

Candidates must know the exam topics before they start of preparation. Because it will really help them in hitting the core. Our **API-571 exam dumps** will include the following topics:

- Identify the various mechanical and metallurgical failure mechanisms such as brittle fracture, steam blanketing, stress rupture, cracking, thermal shock, fatigue and corrosion.
- Knowledge of general damage mechanisms applicable to the industry and be able to identify their features and functions.
- Explore damage mechanisms on high temperature corrosion including oxidation, sulfidation, carburization and metal dusting.
- Explore refining industry damage mechanisms for environment assisted cracking and be able to identify the other types of mechanisms.

>> API-571 Valid Test Answers <<

API API-571 Upgrade Dumps | Exam API-571 Cram Questions

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API Corrosion and Materials Professional Sample Questions (Q31-Q36):

NEW QUESTION # 31
Which of the methods are effective for finding thermal fatigue cracks?

- A. PT
- B. VT
- C. All of the above
- D. MT

Answer: C

NEW QUESTION # 32
In a wet H2S-type environment, what fluid material will significantly increase the probability of blistering?

- A. Cyanides
- B. Polythionic acid
- C. Carbonates
- D. Amines

Answer: A

Explanation:
According to API RP 571 Section 5.1.2.1 (Hydrogen-Induced Cracking) and Publ 939-A, blistering in carbon and low alloy steels exposed to wet H2S environments can be exacerbated by the presence of cyanides
. These accelerate hydrogen entry into steel, increasing the chance of hydrogen blistering.
* API RP 571 states:
"HIC and blistering are forms of hydrogen damage that occur in wet H2S environments. The presence of cyanides can significantly increase hydrogen entry and the risk of blistering."
* Publ 939-A (Research on Cracking in Wet H2S Service) also notes:
"Cyanides act as catalytic agents in hydrogen charging, which promotes internal pressure build-up and increases blistering." Thus, cyanides (Option B) are the most critical in enhancing blistering in H2S environments.

NEW QUESTION # 33
Improved resistance to erosion is usually achieved through increasing substrate _____ using harder alloys, hard facing or face-hardening treatment.

- A. Composition
- B. None of the above
- C. Stress
- D. Hardness

Answer: D

NEW QUESTION # 34
What test is used to determine a material's toughness?

- A. Tension test

- B. Metallography
- C. Charpy impact test
- D. Guided bend test
- E. Physical fitness test

Answer: C

NEW QUESTION # 35
Spheroidization and graphitization are competing mechanisms that occur at overlapping
temperature ranges. Spheroidization tends to occur preferentially above _____ while graphitization predominates below this temperature.

- A. 1050(o) F
- B. 1025(o) F
- C. 1000(o) F
- D. 1100(o) F

Answer: B

NEW QUESTION # 36
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If you're looking to advance your career, passing the API API-571 Certification Exam is crucial. As with any certification exam, success requires time and effort. While there are many online study materials available, not all of them are accurate or reliable. Many professionals struggle with managing their time and studying effectively, making it difficult to pass the Corrosion and Materials Professional (API-571) Exam.