

API-571 Valid Test Question, New API-571 Test Guide

API 571 Exam #1 VERSION 2023/2024 VERIFIED QUESTIONS AND ANSWERS LATEST UPDATE ALREADY GRADED A

Amine corrosion refers to the general and/or localized corrosion that occurs principally on carbon steel in amine treating processes. Corrosion is not caused by the amine itself, but results from dissolved acid gases (CO₂ and H₂S), amine degradation products, heat stable amine salts and other contaminants. Amine corrosion primarily occurs in which materials?

- a) carbon steel
- b) 300 series stainless steels
- c) ferritic stainless steels
- d) nickel alloys

A
5.1.1.1.2

What is the most important factor related to mechanical fatigue of a piece of equipment?

- a) material selection
- b) equipment design
- c) operating conditions
- d) operating temperatures

B
4.2.16.3

Temper embrittlement primarily occurs in:

- a) Some low alloy steels as a result of long term exposure from 650°F to 1070°F
- b) All carbon and alloy steels as a result of long term exposure from 650°F to 1070°F
- c) All cast irons and all carbon steels above 800°F
- d) 2.25Cr-1Mo steels at 900°F

D
4.2.3.2 a)

Cracking of a metal due to stress relaxation during PWHT or in service at elevated temperatures is most often observed in heavy wall sections. This is called:

- a) stress relieving corrosion cracking
- b) reheat cracking
- c) hydrogen induced stress relieving cracking
- d) SOHIC

What's more, part of that PrepPDF API-571 dumps now are free: <https://drive.google.com/open?id=1WcTnKxfJA0KFCUoVwiGH9qqEw40YLZKR>

Like the real exam, PrepPDF API-571 Exam Dumps not only contain all questions that may appear in the actual exam, also the SOFT version of the dumps comprehensively simulates the real exam. With PrepPDF real questions and answers, when you take the exam, you can handle it with ease and get high marks.

The practice exams (desktop and web-based) are customizable, meaning you can set the Corrosion and Materials Professional (API-571) questions and time according to your needs to improve your preparation for the Professional API-571 certification test. You can give multiple practice tests to improve yourself and even access the result of previously given tests from the history to avoid mistakes while taking the Corrosion and Materials Professional (API-571) test. The practice tests have been made according to the latest pattern so you can practice in real Corrosion and Materials Professional (API-571) exam environment and improve yourself daily.

>> API-571 Valid Test Question <<

New API-571 Test Guide & API-571 Valid Test Cram

That is the reason PrepPDF has compiled a triple-formatted API-571 exam study material that fulfills almost all of your preparation needs. The API-571 Practice Test is compiled under the supervision of 90,000 API professionals that assure the passing of the Corrosion and Materials Professional (API-571) exam on your first attempt.

API Corrosion and Materials Professional Sample Questions (Q19-Q24):

NEW QUESTION # 19

Temper embrittlement is defined as:

- A. A reduction in fracture toughness caused by long-term exposure in the temperature range of 650°F to 1070°F (345°C to 575°C).
- B. An increase in ductility and notch toughness caused by postweld heat treatment (PWHT) or high- temperature service above 120°F (49°C).
- C. An increase in toughness caused by long-term exposure in the temperature range of 650°F to 1100°F (345°C to 595°C).
- D. A reduction in ductility and notch toughness caused by postweld heat treatment (PWHT) or low- temperature service below 120°F (49°C).

Answer: A

Explanation:

API RP 571 describes Temper Embrittlement as:

"A metallurgical degradation mechanism that leads to a reduction in fracture toughness due to long-term exposure in the temperature range of 650°F to 1070°F (345°C to 575°C)."

"It affects Cr-Mo steels and is not easily detected except by impact testing." Therefore, option C most accurately defines the condition based on the recognized API description.

NEW QUESTION # 20

_____ is the result of cyclic stresses caused by variations in temperature.

- A. Stress cracking
- B. Stress fatigue
- C. Cyclic cracking
- D. Thermal fatigue

Answer: D

NEW QUESTION # 21

Convert these temperatures - 156° C and 450° F

- A. 304° F, 151° C
- B. 284° F, 218° C
- C. 312° F, 232° C
- D. 296° F, 246° C

Answer: C

NEW QUESTION # 22

Creep and stress rupture is more likely in a _____ grained material than a _____ grained material.

- A. Austenetic, Martensitic
- B. Fine, Course
- C. None of the above
- D. Course, Fine

Answer: D

NEW QUESTION # 23

(Corrosion of carbon steel in sulfuric acid increases significantly below what percent acid concentration?)

- A. 0

- B. 1
- C. 2
- D. 3

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

According to API RP 571, carbon steel exhibits a minimum corrosion rate in sulfuric acid at concentrations around 65-70 wt% due to formation of a protective iron sulfate film.

When sulfuric acid concentration drops below approximately 65%, this protective film becomes unstable and corrosion rates increase dramatically.

Referenced Documents (Study Basis):

* API RP 571 - Section on Sulfuric Acid Corrosion

NEW QUESTION # 24

.....

Although the API-571 certificate is good, people who can successfully obtain each year are rare, and the difficulty of the API-571 exam and the pressure of study usually make the students feel discouraged. However, for us, these will no longer be a problem. In the past few years, our team has ushered in hundreds of industry experts, experienced numerous challenges day and night, and finally formed complete learning products--API-571 Exam Torrent, which is tailor-made for students who want to obtain the API-571 certificate.

New API-571 Test Guide: <https://www.preppdf.com/API/API-571-prepaway-exam-dumps.html>

When it refers to our API-571 quiz bootcamp materials, there is always a series of advantages accompanied by, API API-571 Valid Test Question You will never come across such a great study guide, It was designed by the best API New API-571 Test Guide Exam Questions who took the time to prepare it, Despite the complex technical concepts, API API-571 exam dumps questions have been simplified to the level of average candidates, posing no hurdles in understanding the various ideas.

A list of the privileges held by either the user or the user's groups, Moreover, you can consider our API-571 pdf dumps a reliable source of preparation as we have a 5-star rating and excellent reviews by our customers.

API's API-571 Exam Questions Provide the Most Realistic Practice with Accurate Answers

When it refers to our API-571 Quiz bootcamp materials, there is always a series of advantages accompanied by, You will never come across such a great study guide.

It was designed by the best API Exam Questions API-571 who took the time to prepare it, Despite the complex technical concepts, API API-571 exam dumps questions have been simplified New API-571 Test Guide to the level of average candidates, posing no hurdles in understanding the various ideas.

At least, after you solve the question, API-571 Valid Test Cram you know if you have the correct answer from the available options.

- API API-571 PDF Format for Easy Access Search for API-571 and obtain a free download on 《 www.prep4away.com 》 Latest API-571 Study Materials
- API-571 Reliable Test Camp Latest API-571 Study Materials Valid Test API-571 Test Easily obtain free download of API-571 by searching on [www.pdfvce.com] Latest API-571 Test Report
- API-571 Test Answers API-571 Study Demo Training API-571 Tools Open website “ www.easy4engine.com ” and search for ▷ API-571 ◁ for free download ↔ Valid API-571 Test Prep
- API-571 Exam Engine API-571 Test Answers ↗ API-571 Exam Dumps Demo ↖ Open { www.pdfvce.com } and search for **【 API-571 】** to download exam materials for free Real API-571 Exams
- API-571 Exam Learning Valid API-571 Test Prep Valid Exam API-571 Braindumps Copy URL [www.prep4sures.top] open and search for ▶ API-571 ◀ to download for free ⌘ New API-571 Study Materials
- Pass API-571 Exam with Reliable API-571 Valid Test Question by Pdfvce Search for API-571 and download it for free immediately on “ www.pdfvce.com ” Dumps API-571 Torrent
- API-571 Exam Engine Real API-571 Exams New Guide API-571 Files Open www.prepawayete.com

