

API-580 Best Vce, Valid Exam API-580 Registration



BONUS!!! Download part of RealVCE API-580 dumps for free: https://drive.google.com/open?id=1g-o4z-3iZEZZEdUElFbM0b_I17PuLxue

This format is for candidates who do not have the time or energy to use a computer or laptop for preparation. The API API-580 PDF file includes real API API-580 questions, and they can be easily printed and studied at any time. RealVCE regularly updates its PDF file to ensure that its readers have access to the updated questions.

For more info visit:

API-580 Exam Reference

>> API-580 Best Vce <<

Valid Exam API-580 Registration | Reliable API-580 Real Test

Our API-580 real exam helps you not only to avoid all the troubles of learning but also to provide you with higher learning quality than other students'. At the same time, our API-580 exam materials have been kind enough to prepare the App version for you, so that you can download our API-580 practice prep to any electronic device, and then you can take all the learning materials with you and review no matter where you are.

API Risk Based Inspection Professional Sample Questions (Q29-Q34):

NEW QUESTION # 29

The probability of equipment item failure depends on the:

- A. suitability of the equipment within the operating conditions.
- B. maximum likelihood of any given outcome of events that may occur.
- C. likelihood that deterioration mechanisms will produce rupture.
- D. total risk determined by the likelihood and consequence of individual failure modes.

Answer: A

Explanation:

Per Section 5.5 of API 580:

"The mechanical integrity and functional performance of equipment depends on the suitability of the equipment to operate safely and reliably under the normal and abnormal (upset) operating conditions to which the equipment is exposed." Also, Section 9.4 confirms PoF depends heavily on: a) The damage mechanisms and deterioration rates under current operating conditions; b) The ability of inspection to detect these issues before failure.

Thus, the equipment's suitability within its current and anticipated operating environment directly affects its PoF.

Reference: API 580, 2nd Edition (2016), Sections 5.5 and 9.4.1

NEW QUESTION # 30

Results of quantitative consequence analysis are usually expressed in

- A. Occasion
- B. Ranges from high to low
- **C. Numeric**
- D. Frequency

Answer: C

NEW QUESTION # 31

Which of the following would be the minimum expectations of contractors hired to implement an RBI program?

- **A. Documented training and suitably qualified personnel**
- B. Documented training in damage mechanisms
- C. Certification of corrosion/materials specialist to API RP 571
- D. Certification in accordance with API RP 580

Answer: A

Explanation:

API 580 Section 15.3.1 and 15.3.2 confirm:

"Contractors... should have a program of training and be able to document that their personnel are suitably qualified." While API 580 certification is beneficial, it is not required. Therefore, "Documented training and suitably qualified personnel" is the minimum expectation.

Reference: API 580, 2nd Edition (2016), Section 15.3.1-15.3.2

-

NEW QUESTION # 32

The removal of piping deadlegs is an example of:

- A. mitigating the consequence of failure.
- B. modifying physical design to control inventory.
- C. modifying the process.
- **D. mitigating the probability of failure.**

Answer: D

Explanation:

According to API 580, Section 13.4, equipment modification is used to mitigate the probability of failure (PoF):

"Modification and redesign of equipment... can provide mitigation of POF. Examples include: ... c) removal of deadlegs..." The purpose of removing deadlegs is to reduce locations where stagnant flow can cause localized corrosion or fouling - in turn lowering the likelihood of failure.

Reference: API 580, 2nd Edition (2016), Section 13.4

NEW QUESTION # 33

Act of mitigating a known risk to a lower level of risk.

- A. Risk reduction
- B. Risk evaluation
- **C. Risk mitigation**

Answer: C

NEW QUESTION # 34

