Free Questions for API-580

Shared by Garza on 12-12-2023

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Question 1

Question Type: MultipleChoice

In process plants are established to detect and evaluate deterioration due to in service operation.

Options:

A- Inspection and testing programs
B- Condition monitoring programs
C- Preventive maintenance programs
D- Inservice inspection programs

Answer:

A

Question 2

Question Type: MultipleChoice

Coordinated activities to direct and control an organization with regard to risk.

Options:

A- Risk management
B- Risk evaluation
C- Risk control

Answer:

A

Question 3

Question Type: MultipleChoice

Process used to compare the estimated risk against given risk criteria to determine the significance of the risk.

Options:

A- Risk evaluation
B- Risk estimation
C- Risk identification

Answer:

A

Question 4

Question Type: MultipleChoice

Methods that use engineering judgment and experience as the bases for the analysis of probabilities and consequences of failure

Options:

A- Quantitative risk analysis
B- Qualitative risk analysis
C- Process hazard analysis

Answer:

A

Question 5

Question Type: MultipleChoice

If a qra has been prepared for a process unit, the analysis can borrow extensively from this effort.

Options:

A- Rbi consequence
B- Rbi likelihood
C- Rbi probability

Answer:

C

Question 6

Question Type: MultipleChoice

Provides a basis for risk evaluation, risk mitigation and risk acceptance

Options:

A- Risk evaluation
B- Risk estimation
C- Risk identification

Answer:

B

Question 7

Question Type: MultipleChoice

Results of quantitative consequence analysis are usually expressed in

Options:

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

Answer:

A

Question 8

Question Type: MultipleChoice

Qualitative assessment is done on the basis of

Options:

A- Knowledge of operating History
B- Inspection plans
C- Possible material deteriorations
D- All the above

Answer:

A

Question 9

Question Type: MultipleChoice

Systematic use of information to identify sources and to estimate the risk

Options:

A- Risk
B- Risk analysis
C- Hazard analysis

Answer:

B

Question 10

Question Type: MultipleChoice

Results from quantitative analysis logic models are validated by

Options:

A- Expert judgment

B- Inspection engineer
C- Maintenance engineer
D- Operations personnel

Answer:

A

Question 11

Question Type: MultipleChoice

Potential hazards identified in a pha will often affect the

Options:

A- Probability of failure side of the risk equation.
B- Consequence of failure side of the equation

Answer:

A

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