

Unit 9 - week 8

Course outline

How to access the portal?

week 1

week 2

week 3

week 4

week 5

week 6

week 7

week 8

Relief Sizing

Hazard & Hazard Identification: Introduction

Hazard Identification Methods & HAZOP

Safety Reviews & Risk Assessment I

Risk Assessment II

Quiz : Assignment 8

Solution for assignment 8

week 9

week 10

week 11

week 12

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Assignment 8

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-09-25, 23:59 IST.

1) Under which category of hazard fall, having an immediate and obvious impact.

1 point

- Acute hazard
 Chronic hazard
 Radiation hazard
 None of these.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Acute hazard

2) In which year Hazards and operability (HAZOP) studies was developed by Lawley?

1 point

- 1974
 1968
 1947
 1986

No, the answer is incorrect.
Score: 0

Accepted Answers:
1974

3) Under which category of hazard fall, having more hidden, cumulative or long term impact.

1 point

- Acute hazard
 Chronic hazard
 Physical hazard
 None of these.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Chronic hazard

4) Under which category of hazard of shift work and workload fall?

1 point

- Physical
 Psychological
 Biological
 Chemical

No, the answer is incorrect.
Score: 0

Accepted Answers:
Psychological

5) Under which category of hazard of HERP/HERO/HERF effects fall?

1 point

- Chemical
 Radiation
 Physical
 Mechanical

No, the answer is incorrect.
Score: 0

Accepted Answers:
Radiation

6) Risk assessment procedure that determines probabilities is called whereas a procedure that determines probability and consequences is called

- quantitative risk analysis (QRA), probabilistic risk assessment(PRA).
 probabilistic risk assessment(PRA), quantitative risk analysis (QRA).
 probabilistic risk assessment(PRA), probabilistic risk assessment(PRA).
 quantitative risk analysis (QRA), quantitative risk analysis (QRA).

No, the answer is incorrect.
Score: 0

Accepted Answers:
probabilistic risk assessment(PRA), quantitative risk analysis (QRA).

7) is a schematic illustration of functional relationship of piping, instrumentation, and system equipment components.

1 point

- Hazard Identification
 Hazard survey
 P&ID (Piping and Instrumentation Diagram)
 Safety review
 None of these.

No, the answer is incorrect.
Score: 0

Accepted Answers:
P&ID (Piping and Instrumentation Diagram)

8) Daily hazard surveys are normally completed by the While weekly hazard surveys are normally completed by the

1 point

- operator or shift leader, manager.
 operator or shift leader, area safety inspector.
 Area safety inspector, operator or shift leader.
 Area safety inspector, manager.

No, the answer is incorrect.
Score: 0

Accepted Answers:
operator or shift leader, manager.

9) Monthly hazard surveys are normally completed by while Quarterly hazard surveys are typically completed by

0 points

- Area safety inspector or safety coordinator, facility safety committee.
 Facility safety committee, area safety inspector or safety coordinator.
 Area safety inspector, operator or shift leader.
 Area safety inspector, facility safety committee.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Area safety inspector or safety coordinator, facility safety committee.

10) What should we call Plant Superintendent of HAZOP team, according to the new design of HAZOP system.

1 point

- Project Engineer
 Process Engineer
 Commissioning Manager
 Instrument Design Engineer

No, the answer is incorrect.
Score: 0

Accepted Answers:
Project Engineer