

UNIT 1: Achieving Continual Improvement in OH&S Management System

Total Time: 5:00 hours

Total Questions: 15

Total Marks: 150

Passing Marks: 75

- This is a closed book exam. The maximum marks for each question are 10.
 - Answers may be illustrated by sketches or process flow diagrams where appropriate.
 - This question paper must be returned to the invigilator after the examination.
 - Support your answers with **logical arguments** and **examples**. Generic and Bookish answers will not be accepted by the examiners.
 - All Questions are compulsory and must be answered to gain maximum marks
 - Use bullet points for questions asking to **Outline** and make sure each bullet point has unique and valuable content. You must give examples for each bullet point to clarify your answer.
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Part A

(Each Question carries 10 Marks)

- 1- You have recently joined a large construction company as safety advisor. You notice that OHS culture of the company is very negative. You presented the indicators of negative OHS culture to the top management in monthly Safety meeting. The managing director has advised you to initiate a thorough campaign for next 6 months to improve the OHS culture within the company. You have been told that all resources will be provided as required.

Outline your action plan **how you will improve the OHS culture** with detailed justification (What will you do and how will it improve the OHS Culture) on each point alongwith the cost implications.

- 2- In an Oil and Gas Drilling company, there have been huge resources consumed on OHS training. Yet there have been OHS incidents of very serious nature. The company hired 3rd party OHS auditing services to identify the reasons for the incidents. The audit team leader highlighted in audit report that the organization does not have any procedure in place to measure the effectiveness of training. You as a safety advisor have been tasked by top management to take suitable corrective actions;

Outline various **methods to measure the training effectiveness** specific to each training activity. Also Explain the significant contents of the procedure you will establish for measuring training effectiveness

- 3- A large manufacturing company has recently established OHS management System based on ISO 45001:2018 as their criteria. For effective utilization of resources, the management wishes to **identify the key processes** so that same should be focused to achieve OHS objectives and goals. You as a safety officer have been advised by the top management to identify the Key processes alongwith the justifications.

(Turn Over Page)

Outline the factors you will consider when identifying the key processes for this organization

- 4- You have recently joined an organization as safety advisor. You have been working in a similar organization at the same role previously. You notice that OHS performance of current organization is very low as compared to the organization you have previously worked although same resources are available in both organizations. You bring this into attention of top management in quarterly safety meeting. The managing director has tasked you to identify the reasons for ineffectiveness of resources being given for OHS.

Explain your action plan as follows;

- a- **How will you identify** the inefficient OHS processes? You must name the OHS processes as well.
- b- The **reasons** why these OHS processes are inefficient?
- 5- An organization wishes to involve its employees for decision making related to OH&S matters. You as a safety Engineer have been tasked to identify the matters where employees involvement and participation in OHS matters can be carried out.

Outline various **matters** related to OH&S where employees involvement and participation can really benefit OHS performance of the organization

Part B

(Each Question carries 10 Marks)

- 6- **Explain** why is it important to communicate OHS policy to the employees at all levels?
- 7- **Identify** various aspects which define the context of an organization?
- 8- **Outline** various sources of “information and guidance” available to an organization for establishing OH&S management system?
- 9- **Outline** the risks associated while planning for an OH&S Management system?
- 10- **Outline** various options available to the organizations for setting OH&S objectives at their functional levels?
- 11- **Differentiate** between a Document and a Record. **Explain** the term “Extent of Documented Information” for an OHS Management system?
- 12- **Outline** how the health and safety behavior of employees at work can be improved?
- 13- **Differentiate** between Correction and Corrective action with 3 suitable examples of OHS non conformities at the workplace?
- 14- **Outline** the possible performance indicators an organization may establish to gauge the effectiveness of its inspections and audit programme?
- 15- **Explain** the purpose of Management review process for OHS management system?

(End of Question Paper)