

Register Number :

Name of the Candidate :

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DIPLOMA EXAMINATION, 2010

(FIRE AND SAFETY)

(PAPER - II)

120. INDUSTRIAL SAFETY

December]

[Time : 3 Hours

Maximum : 100 Marks

SECTION - A (3 ×20= 60)

Answer any THREE questions.

All questions carry equal marks.

1. Discuss the various safety measures which are to be followed as per Factories Act, 1948 in work places.
2. What are the essential requirements for reporting of an accident, its investigation and follow up ?
3. What is job safety analysis and explain with an example.

Turn Over

4. Explain in detail about ON-SITE and OFF-SITE emergency plans.
5. "Accident do not happen, it is caused." - Explain.

SECTION - B (4 × 10 = 40)

Answer any FOUR questions.

All questions carry equal marks.

6. Discuss the need, availability and ensuring the use of personal protective equipments.
7. Prepare an instruction card with DO's and DON'Ts for handling gas cylinders.
8. Explain in detail the principles of safety management.
9. What is risk free policy and its role in accident prevention in industries ?
10. What are the hazards associated with grinding operations and discuss the precautions to be followed ?

11. Explain :

- (a) Dust.
- (b) Fume.
- (c) Vapour.
- (d) Smoke.
- (e) Fog.

12. Write short notes on :

- (a) Fire prevention for fuel oil system.
- (b) Static electricity.
- (c) T.L.V. /TWA and STEL.
- (d) Earthing and Bonding.