

Total No. of Pages:

**7202**

Register Number:

Name of the Candidate:

**DIPLOMA EXAMINATION, 2010**  
**(INDUSTRIAL SAFETY)**  
**(PAPER-I)**

**510. INDUSTRIAL HAZARDS**

Dec.)

(Time: 3 Hours

Maximum: 100 Marks

*Answer any FIVE questions*      *(5×20=100)*  
*All questions carry equal marks*

1. Discuss the various safety devices and tools in detail.
2. List the various instructions for  
a) Welding   b) Crane operations      (10+10)
3. Discuss the hazards associated with explosive industry and state the measures to control them?
4. Describe the checklist to be followed in working at high scaffolds and ladders.
5. Explain the potential hazards of high temperature and high pressure operations with suitable example.
6. Discuss the various hazards and relevant safeguards for civil and erection works.

7. Discuss the following:
- a) Overload and short circuit protection. (10)
  - b) Control of static electricity. (10)
8. Discuss the various hazards and relevant safeguards for handling electrical equipments.
9. Discuss the hazards associated and safe handling of various radioactive materials with suitable examples.
10. Write short notes on:
- a) Instruments for radiation measurement. (10)
  - b) Noise absorption techniques. (10)

\*\*\*\*\*