

5. Discuss the lifting and handling of heavy machinery. Also, discuss the first-aid and preventive measures.

**PART – B** (4 × 10 = 40)

*Answer any FOUR questions.*

*ALL questions carry equal marks.*

6. Discuss the design and load factors of scaffolds.
7. Explain in detail the safety measures to be followed in rigging.
8. Explain the risk involved and the control measures in paint storage.
9. Discuss in detail the safety aspects in heavy machinery.
10. Explain the need for warning signs. Also, discuss the control measures to be followed in hot works.
11. Write the tugging operations.
12. Discuss in detail the precautionary measures to be followed in handling pneumatic tools.

Register Number :

Name of the Candidate :

**7 0 6 5**

**P.G. DIPLOMA EXAMINATION, 2011**

**(FIRE AND SAFETY)**

( PAPER - III )

**130. CONSTRUCTION SAFETY**

December ]

[ Time : 3 Hours

Maximum : 100 Marks

**PART – A** (3 × 20 = 60)

*Answer any THREE questions.*

*ALL questions carry equal marks.*

1. Describe the types of scaffolds and ladders and the requirements for ensuring the safety while handling.
2. Discuss in detail the safety aspects in paint mixing, solvent handling and paint storage.
3. Discuss in detail the safety aspects in cranes, FLT's and earth moving equipment.
4. Discuss in detail the precautionary measures to be followed in using portable grinders, drilling and cold cutting machines.

**Turn Over**