

IV B.Tech II Semester Supplementary Examinations, April/May 2005
SAFETY HAZARD ANALYSIS
(Chemical Engineering)

Time: 3 hours

Max Marks: 70

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about the principal elements of the safety, loss prevention and control procedures.
2. Explain how adequate roadways are very important to safety in plant layout.
3. Discuss about the Hazards of Heat Transfer Operation.
4. Discuss about :
 - (a) Self-acting Pressure Regulators
 - (b) Self-acting Temperature Regulators
5. What are principal safety requirements for floor openings plat forms?
6. Write about safety management of flammable materials?
7. Mention general limitations on the conditions for which gas masks are suitable
8. List the steps involved in Safety Audit considering internal and external safety audits.
