

CHEMICAL PLANT UTILITIES

CONTINUOUS ASSESSMENT TEST – 30%

ATTEMPT ALL QUESTIONS

- Q.1 Discuss in details the safety aspects in the design of chemical process plants.
- Q.2 Define and explain Hazard, Toxicity, flammability, Threshold limit value and Accident with appropriate examples.
- Q. 3 A Discuss various legislations on safety control presently applicable in chemical process plants.
 B Explain material safety data sheet with the format during as industrial hygiene study.
- Q. 4 A What are the effects of noise on human being? List their legislative measures.
 B How will you evaluate exposure to volatile toxicants by monitoring?
- Q. 5 What is a fire triangle? What do you understand by fire prevention, fire protection and fire lighting? What are the various ways of fire extinguition?
- Q. 6 A Distinguish between fires and explain. Explain various types of explosion.
 B Explain flammability characteristic of liquid and vapors.