



# **SNS COLLEGE OF ENGINEERING**

**Kurumbapalayam (Po), Coimbatore - 641 107**

**An Autonomous Institution**

**Accredited by NBA - AICTE and Accredited by NAAC - UGC**

**with 'A' Grade**

**Approved by AICTE, New Delhi & Affiliated to Anna**

**University, Chennai**



**DEPARTMENT OF MANAGEMENT STUDIES**

**COURSE NAME : 19BA316 INDUSTRIAL RELATIONS & LABOUR WELFARE**

**II YEAR /III SEMESTER**

**Unit IV - INDUSTRIAL SAFETY**

**Topic 1: Industrial Health & Hygiene**



# INDUSTRIAL HEALTH & HYGIENE -DEFINITIONS

Industrial health is defined as “a state of complete of physical, mental and social well being and not merely the absence of disease or infirmity.

Industrial Hygiene is the science of anticipating, recognising, evaluating and controlling workplace conditions that may cause injury or illness to the workers.



## IMPORTANCE

- Reduces absenteeism and labour turnover rate.
- Improves the efficiency and productivity of the workers.
- Reduces indiscipline.
- Lessens industrial discontentment.
- Improves motivation and morale
- Reduces occupational diseases.
- Enables the workers to work for longer periods of work.
- Reduces spoilage and cost of operation
- Reduces industrial unrest.



# STATUTORY PROVISIONS FOR INDUSTRIAL HEALTH

- Factories Act 1948 under Chapter III
- Cleanliness (Sec II)
- Disposal of wastes effluents (Sec 12)
- Ventilation and Temperature (Sec 13)
- Dust and Fumes (Sec 14)
- Artificial Humidification (Sec 15)
- Overcrowding (Sec 16)
- Lighting (Sec 17)
- Drinking Water (Sec 18)
- Latrine & Urinals (Sec 19)
- Spittoons (Sec 20)



# PROBLEMS OF HEALTH

- Health problem in Chemical Industries
- Health related problems in Tobacco Industry
- Health related problems in Business Industry
- Health related problems in Factories



# INDUSTRIAL HYGIENE

Industrial Hygiene is the science of anticipating, recognising, evaluating and controlling workplace conditions that may cause injury or illness to the workers.





# OBJECTIVES

- Protecting the labour working in all the occupations from diseases
- Maintaining the highest standard of their physical mental and social welfare.
- Protecting the workers from diseases and accidents caused by their working conditions and its ill effects on their health.
- Making adjustments between the work and the nature of individual.



## IMPORTANCE

- Protect/control the workplace hazard including over-exposure to noise, heat, vibration and repetitive motion.
- Provide healthy working environment
- Aims at maintaining good health among the workers.





# PERSONAL HYGIENE & MATERIAL ENVIRONMENT

## Personal Hygiene:

Health should be the concern of every single individual

Maintaining personal hygiene is necessary for ...

- Personal Reasons
- Social Reasons
- Health Reasons
- Psychological Issues



## MATERIAL ENVIRONMENT

- Healthy working environment
- Proper ventilation
- Lighting
- Proper spacing, do not have to inhale each other's breath
- cleanliness



**RECAP**

**QUESTIONS???**

**THANK YOU**