

# AMSE16 LEGAL ASPECTS OF HSE

## UNIT-1 FACTORIES ACT

- 1.1 Definitions,
- 1.2 Preliminary,
- 1.3 Inspecting staff, Health, Safety,
- 1.4 Provisions relating to hazardous processes, Welfare,
- 1.5 Working hours of adults,
- 1.6 Employment of young persons, Special provisions.
- 1.7 Dock Workers (Safety, Health and Welfare) Act and Regulations (in brief)
- 1.8 Definitions, Powers of inspectors, Power of Govt. to direct inquiry,
- 1.9 Obligation of dock workers.
- 1.10 Duties of Safety Officers, Reporting of accidents,
- 1.11 Emergency Action Plan, Safety Committee.

## UNIT-2 WORKMEN'S COMPENSATION ACT

- 2.1 Definitions,
- 2.2 Employer's liability for compensation,
- 2.3 Calculation of amount of compensation.
- 2.4 ESI Act and Rules: Applicability,
- 2.5 Definitions and Benefits.
- 2.6 Public Liability Insurance Act and Rules
- 2.7 Definitions, Calculation of amount of relief,
- 2.8 Environmental Relief Fund, Advisory Committee,
- 2.9 Powers of District Collector,
- 2.10 Extent of Liability, Contribution to Relief Fund.

## UNIT-3 EXPLOSIVES ACT

- 3.1 Definitions, Categories of Explosives,
- 3.2 General Safety Provisions, Use of Explosives,
- 3.3 Grant of license, Notice of Accidents,
- 3.4 Inquiry into ordinary and more serious accidents,
- 3.5 Extension of definition to other explosive substances.
- 3.6 Important technical provisions in the Explosives Rules,
- 3.7 SMPV Rules and Gas Cylinder Rules.
- 3.8 Petroleum Act & Rules - Definitions,
- 3.9 Control over Petroleum import, transport, storage, production, refining and blending,
- 3.10 Need for license, exemption, Notice of Accidents and Inquiries.

## UNIT-4 WATER ACT

- 4.1 Definitions, Powers and Functions of Boards,
- 4.2 Provisions regarding prevention and control of water pollution,
- 4.3 Power to make rules, Rules on Consent for Establishment and Operation.

- 4.4 Air Act -Definitions, Power & Functions of Boards,
- 4.5 Prevention & Control of Air Pollution, Consent as per Air Pollution Rules.
- 4.6 Environment (Protection) Act and Rules- .
- 4.7 Definitions, general powers of central government, prevention, control and abatement of environmental pollution, standards for emission, prohibition and restrictions on sitting and operation of industries.
- 4.8 MSIHC Rules- Definitions, Duties of Authorities,
- 4.9 Notification of Major Accidents Safety Reports, Safety audit,
- 4.10 MSDS, On-site & Off-site Emergency Plan, Giving safety information to public.

**References Books:**

1. Factories Act, 1948 with amendments of 1976 & 1987.
2. Dock Workers (SHW) Act, 1986; Rules, 1990 & Regulations, 1990.
3. Bare Acts and concerned Rules on social security.
4. Explosives Act and related Rules.
5. Petroleum Act and Petroleum Rules.

