

# CHAPTER- FIVE

## Professional and Occupational safety management system



Workplace Health and Safety Queensland

# Professional and Occupational safety

➤ The professional Safety and Health on specified work/occupation are a labor force of construction project that must be guided by a guideline which recommends employers take a systematic approach to addressing or enhancing safety and health hazards that are covered by its own standards.

➤ The recommendations developed by occupational and professional health and safety through an extensive dialogue with workers, employers, and safety and health professionals.

They also reflect employers' preferences for flexible, performance-based obligations.

# Safety Professionals

Safety professionals focus on developing procedures, standards, or systems to achieve the control or reduction of hazards and exposures that would be detrimental to people, property, and/or the environment.

# Occupational and professional safety rules

- ❖ Before you start working, observe the prescribed safety rules and instructions.
- ❖ The safe way to do a job is to do it in the correct way.
- ❖ Use the right tools for right works.
- ❖ Never use any power tools without permission from responsible person.
- ❖ Don't fool around "Horse play".
- ❖ You may cause injuries to your self, to the other participants and damage equipment and machineries.

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- ❖ Take also care of small injuries.
- ❖ Chemicals, explosive materials and other burnable material have to be covered and to be stored in a suitable container/area.
- ❖ Always you have to wear the correct dress for a specific task.
- ❖ When working with power hand tools or machineries, you protect the cable from sharp edges or falling down items.
- ❖ When working with rotating tools, closely fitting clothes are to be worn.
- ❖ Don't grip into pressing or notching adaptors when making the joints.

## Con't.....

- ❖ Tools and materials are to be deposited clearly and neatly arranged.
- ❖ Avoid standing in your own light. You need the best light possible to do accurate work and avoid injury.
- ❖ Keep your working area, especially the floor, clean and free from any unnecessary items that can cause slipping or stumbling.

## Con't.....

- ❖ Under all conditions, stop, look, and think before you proceed in dangerous or unknown and unfamiliar situations.
- ❖ In general: report immediately to your supervisor. In case of fire: report, alarm and use the fire fighting equipment. In case of injures: report and use First Aid Kit.

## Professional functions of a safety representatives are

- 1) Consultation with the employer**
- 2) Investigation and reporting of significant hazards and dangerous occurrences**
- 3) Investigation of accidents in the workplace**
- 4) Representation on general health and safety matters**
- 5) Reception of complaints by employees**



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- 6) Representation with the Health and Safety Executive or other enforcing authority**
- 7) Reception of information from the enforcing authority**
- 8) Attend meetings of safety committees**

# **Role of construction Safety professional on the Built-Environment During planning & implementing activity**

- ❖ **Identify who the employer/self-employed person is,**
- ❖ **Name of the Supervisor for the activity,**
- ❖ **Identify the number of workers in the team,**
- ❖ **Identify the specific location of the activity,**
- ❖ **Describe the specific activity,**
- ❖ **When the work is to start, the date,**
- ❖ **What skills are required,**

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- ❖ **Plant and Equipment required,**
- ❖ **Hazardous Materials, if used,**
- ❖ **Contact Names & address in the event of an injury**
- ❖ **deals with the signing off of the safe system of the built environment.**
- ❖ **The purpose of signing off is to identify the person who has prepared the safe system work plan, and also to confirm that the completed safety plan has been brought to the attention of all those to whom the plan applies.**

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- ❖ **The completed plan must remain at the specific location of the work with the persons carrying out the work activity.**
- ❖ **A new safety plan must be completed when a new hazard is identified, the task changes, or the environment changes.**

# Construction Inspection

- ❖ Inspection is one of the means of ensuring compliance of design and specifications.
- ❖ The primary objective of inspection is to ensure safety of life and durability of structure.
- ❖ The inspector has professional as well as ethical responsibility to ensure that the structure is built correctly and safely.
- ❖ Most of the buildings and other infrastructure fails and accidents happen due to lack of proper and professional supervision/inspection.

# The Skills of Inspection

The inspector is expected to have the following skills:

- ❖ Observation skills
- ❖ Technical skills or competence
- ❖ Interpersonal skills:
- ❖ Communication skills
- ❖ Negotiating
- ❖ Problem solving skills
- ❖ Analytical skills

# references

- 1) “Accidents and injury” ( Dr. Earl Blair)
- 2) Construction Management Manual, 2006 2<sup>nd</sup> version
- 3) Employee Involvement, Consultation and Health and Safety in construction  
(William F. Maloney).
- 4) Guidelines on the procurement, Design and Management Requirements of Safety, Health and Welfare at construction work regulation 2006