



Contents

- 1. Organisation structure and roles
- 2. Implementation of safety management, audit and review
- 3. Monitoring
- 4. OSH policy-important & development
- 5. Safety trainning programme





Du Pont Ten Principles of Safety Management

- All <u>injuries and occupational illnesses</u> are <u>preventable</u>.
- Management is directly responsible for doing this.
- Safety is a **condition of employment**.
- **Training** is required.

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Du Pont Ten Principles of Safety Management

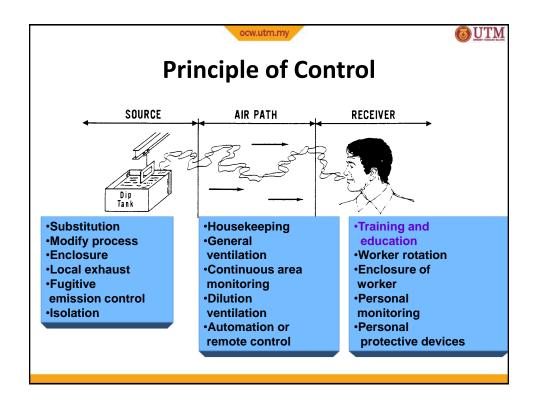
- Safety audits and inspections must be carried out.
- Deficiencies must be **corrected promptly**.
- All unsafe practices, incidents and injury accidents will be **investigated**.





Du Pont Ten Principles of Safety Management

- Safety away from work is as important as safety at work
- <u>Incident prevention is cost-effective</u>; the highest cost is human suffering.
- Employees must be actively involved.





Promotional Technique

Use <u>combinations</u> of the following techniques to reinforce health and safety message.









Promotional Technique

- · Leading by example
- Employee involvement
- Use of reward, incentives and disincentives
- Best practice
- Communication
- Training

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Leading By Example

- Management at all levels and on all occasions must never ignore safety rules
- Use of non-verbal communications:
 - Top management <u>seen to be committed</u>
 - Safety is <u>enforced by management at all levels</u> and not by the safety officer alone
 - Suggestion implemented if appropriate
 - Management are <u>aware of their non-verbal</u>
 <u>communication styles</u> and is <u>a good listener</u>



Employee Involvement

- Joint management-employee programmes:
 - OSH safety day, week, month
 - Competitions
 - Management reporting of Incidents on notice boards, bulletins and newsletters
 - On-going hazard spotting and near-miss reporting, inspections, house-keeping, etc.
- Management interactions through meetings, committees and gatherings







Use Of Rewards Recognition Incentives And Disincentives

- <u>Rewards Recognition Incentives</u> are well-known techniques used for motivations.
 - In some organisations good performance in OSH is employee's term of employment
 - Annual bonus penalty against non-performing departments
 - Need to be careful. It might resulted in less or none reporting of incidents
 - Disincentives through penalties and contract award used on contractors

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Best Practice

- Top management provides leadership
- <u>Safety controls must be designed</u> into every aspect of the organisation
- Managers at all levels are responsible for safety and health – safety first and no shortcuts



Best Practice

- Objectives and Targets setting
- **Enforcement** of high quality standards
- Adoption of <u>occupational safety and health</u> <u>management systems</u> standards

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Employee Attitude Survey

- Measures <u>employees' perceptions</u>; perception is reality
- Productivity and morale is closely linked to perceptions of their work environment
- Questions e.g.
 - Quality of management communications
 - Satisfaction with employee training
 - Safety and health concerns
 - **Cooperation** among peers and workgroups
 - Understanding a corporate goals and mission



Why Train And Retrain?

- Instructions and procedures alone is not sufficient.
- Shortcut for learning from experience.
- Employees need to know <u>what they are looking at</u> or what to do and what to look for.
- Cannot assume experience from previous employer is similar.
- Materials, processes and technology may have changed.

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Common Sense? A Mistaken Assumption!

- Training and common sense
 - Sound judgements could only be developed over time through experience and specific workplace settings and specific tasks.



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Legal Requirements

 Regulation require training and com of workers.



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Legal Requirements

- For example:
 - Factory And Machinery Act 1967
 - Lead Regulations 1984, Asbestos Process Regulations 1986, etc.
 - Occupational Safety And Health Act 1994
 - USECHH Regulations 2000, CIMAH Regulations 1996, Safety and Health Committee Regulations 1996, SHO Regulations 1997
 - Operator competency requirements
 - Crane, scaffold, forklift, engine driver, charge man, confined space, etc.



Assessing Training Needs

- Begin the assessment by establishing:
 - Aims and objectives of training
 - Time scale
 - Level at which training is required
- Conduct a training needs analysis:
 - Identify job to be done and skill required
 - Analyse skill which individuals already have
 - Identify skills gaps
 - Train to cover the shortfall

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Levels Of Training

- Awareness
- general
- Specific
- Skills
- Competencies



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Training Documentation

- Should be kept for all employees and contractor training:
 - Type
 - Names of trainees
 - Checks on learning
 - Date
 - Date / type of next training

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Training on PPE

- Hazard recognition in the work environment
- What control measures can be taken
- The type of PPE suitable for use
- The **limitations of PPE**
- Demonstration of correct use



Training Documentation

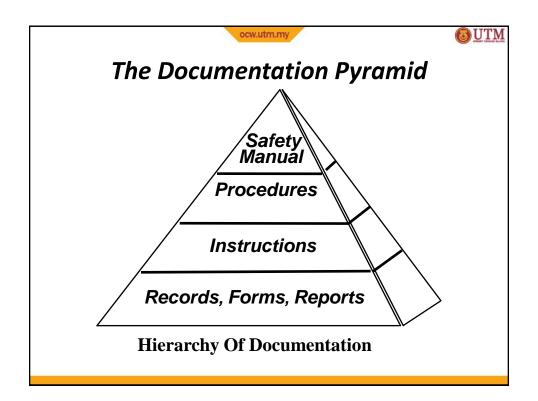
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Levels Of Documentation

- · What is a document
 - Paper or booklet providing information
 - Record or report in detail
- There are four levels of documentation
 - Manual
 - Procedures
 - Instructions
 - Forms and records





What are OSH Manuals For?

- Provide information for effective control of hazards in the workplace
- To control OSH management activities in accordance with requirements



Contents Of OSH Manual

- Statements, procedures, instructions and records
- The manual at the minimum contain:
 - OSH policy statement and OSH objectives
 - · Assignment of roles and responsibilities for
 - List of significant hazards/risks and arrangements for prevention and control
 - · Personnel competency and training records
 - Procedures, instructions and other internal documents for OSH management

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Toolbox Meeting

- Toolbox meetings are carried out regularly:
 - Every morning by the supervisor before the workers start their work
 - To remind workers of the danger or hazards in the workplace during the activities for the day
- Brief (10-15 minutes) and on one topic
- Attention is given to requirement for attendants and participation at the meeting



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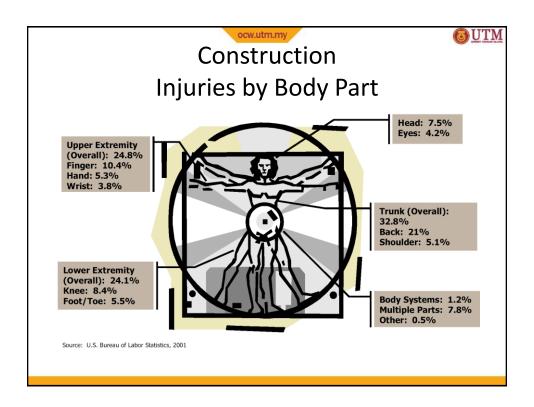
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Importance Of Communication

- Most of our working life is spent communicating: to get things done, to report or to receive instructions
- Job of SHO to communicate to workers, colleagues, managers and the authorities
- SHO must be aware of his verbal and nonverbal impact on the job



OUTM

Personal Protective Equipment (PPE)

Body Part(s)	Protective Equipment
Head, Eyes, Ears	Hardhat/Helmet, Safety Glasses, Earplugs, Ear Protection, Masks, Breathing Equipment
Upper Extremity: Arms, Wrists, Fingers	Safety Gloves, Safety Clothing, Eliminate Rings on Hands
Lower Extremity: Legs, Ankles, Feet, Toes	Steel Toe Shoes/Boots
Trunk: Back, Shoulder	Back Supports, Safety Clothing

