

ILO CONSTRUCTION OS&H

A free, comprehensive, international, digital training package in occupational safety and health for the construction industry

OVERVIEW OF THEME SUMMARIES AND CONTENTS

FUNDAMENTAL THEMES

Theme 1 FUNDAMENTAL PRINCIPLES Summary of content	
1.	Preface
2.	'Decent Work' and 'well-being'
3.	Ethics and humanity
4.	Corporate social responsibility
5.	National policy
6.	Need for a holistic culture and systems
7.	Requires real commitment from all involved
8.	Basic concepts of hazards and risks
9.	The business case for OH&S and business decisions
10.	Monitoring, reporting and reviewing performance
11.	Appendix: Decent Work, SafeWork
12.	Relevant elements of the knowledge base

Theme 2 GENERAL DUTIES Summary of content	
1.	Preface
2.	ILO Convention C167, Recommendation R175 and the Code of Practice
3.	Duties of authorities, employers, self-employed, and workers
4.	Duties of construction clients and designers
5.	Legal principles & legislation
6.	Enforcement and audit
7.	Continual improvement
8.	Hazards and their prevention
9.	Relevant elements of the Knowledge Base

Theme 3 SAFE AND HEALTHY WORKING ENVIRONMENT Summary of content
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2. Causes of OS&H incidents ('accidents') and injuries
3. Diversity of the workforce
4. Safety of workplaces
5. Health hazards
6. Inspection and maintenance
7. Appendix: BWI Construction Hazards Fact Sheet
8. Relevant elements of the Knowledge Base

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2. The Trade Union approach to occupational safety and health: "Workers know best"
3. Organising for a healthy and safe workplace
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PROJECT MANAGEMENT THEMES

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2. Project organisation and management functions
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4. Creating a good preventative OS&H culture
5. Enforcing good OS&H through procurement and contracts
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Theme 6 PROJECT PLANNING AND CONTROL FOR OS&H Summary of content
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2. General principles of project planning and control
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5. Role and responsibilities of safety specialists
6. Relevant elements of the Knowledge Base

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3.	ILO-OSH 2001: Guidelines on Occupational Safety & Health management systems
4.	Hazards and risks
5.	Assessment and management of hazards and risks
6.	The systematic Construction OS&H process
7.	Communication systems to improve OS&H
8.	Appendix: An example of an OS&H policy statement by a construction company
9.	Relevant elements of the Knowledge Base

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2.	General principles of the design of site layout and facilities
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5.	Competence, training and induction
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Theme 9 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT Summary of content	
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2.	The need for personal protective clothing and equipment
3.	General review of personal protective clothing and equipment
4.	Clothing
5.	Harnesses and similar devices
6.	Lifting and handling devices
7.	Specific characteristics of individuals
8.	Summary photos of safe working
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2.	Common hazards with general plant and equipment
3.	General construction plant and equipment
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5.	Scaffolding materials and equipment
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9.	Electricity
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6.	Demolition of above ground structures
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INTEGRATION & CONCLUSION	
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1.	Preface
2.	Systems integration
3.	General proposal for training objectives for the four groups of 'actors'
4.	Checklists
5.	Project
	Purpose, aims and objectives
	Description of the construction project
	Construction project and contract organisation
	Course participants' tasks
	Reporting and recording
	Specific aspects of this project
6.	Course evaluation
7.	Concluding case study
8.	Relevant elements of the knowledge base

FURTHER TECHNICAL THEMES FOR FUTURE DEVELOPMENT

The themes summarised below are more specialised than the other themes in this training package and require suitable specialists to write them. It is important to complete and establish the mainstream themes before spending time and resources on specialisms. These themes therefore will be developed at some time in the near future.

REMOTE SITES AND LIVING ON SITE
TUNNELLING
PILES AND PILE DRIVING
DEEP FOUNDATIONS AND CAISSONS
WORKING AT GREAT HEIGHT
MAJOR DEMOLITION WORKS
MARINE WORKS