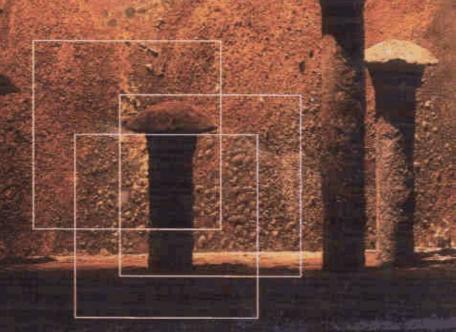
Benjamin Q. ALLI



FUNDAMENTAL PRINCIPLES OF OCCUPATIONAL HEALTH AND SAFETY



SECOND EDITION

CONTENTS

PART	I	OVERVIEW	
1	Occi	upational hazards and risks: The problems and the ILO response	3
	An u	nacceptable situation	3
		Variations in performance	5
		Countries	5
		Economic sectors	6
		Sizes of enterprise	6
		Groups at particular risk	6
	Majo	or OSH instruments	9
2	Key	principles in occupational safety and health	17
	Core	e OSH principles	17
	Righ	ts and duties	19
		Workers' rights	19
		Employers' responsibilities	20
		Governments' duties	21
PART	'II	NATIONAL FRAMEWORK DESIGN AND	
		IMPLEMENTATION	

4	National policy on occupational safety and health	27
	General aims and principles	27
	Policy formulation and review	27
	Policy instruments	
	National laws, labour codes and regulations	32
	Role and obligations of the competent authority	33
	Policy coordination	34
	Education and training	35
5	National system for occupational safety and health	37
6	National programmes for occupational safety and health	41
	A national profile on occupational safety and health	42
7	Occupational safety and health policy within the enterprise	45
	General framework	45
	Employers' responsibilities	46
	Workers' duties and rights	47
	Safety and health committees	49
8	Management of occupational safety and health. Management commitment and resources Workers' participation. Training.	
	Organizational aspects	
	Setting priorities	
	Planning and development activities	
	The place of OSH management in the enterprise	
	Performance measures	
	The OSH management cycle	56
PART	TIII OPERATIONAL MEASURES	
9	Legislation, enforcement and collective agreements	59
	Labour inspection	59
	Collective bargaining	62
10	Occupational health surveillance	6.
	Surveillance of the working environment	66

	General framework	66
	Monitoring of exposure	68
	Occupational exposure limits (OELs)	70
	Record-keeping	<i>7</i> 1
	Surveillance of workers' health	72
	General framework	72
	Medical examinations, health assessments and biological tests	73
	Sickness absence monitoring	76
	Reporting of occupational accidents, injuries and diseases	76
	Ethical and legal issues	78
11	Occupational health services	81
	General considerations	81
	Organization	83
	Functions	84
	Primary health care approach	86
	First aid	86
	Curative health services and rehabilitation	87
	Special occupational health needs	87
	Cooperation and coordination	88
	Research	88
12	HIV/AIDS and the world of work	91
	Principles	91
	Health services and HIV/AIDS	94
	Capacity building	95
	Training for managers, supervisors and personnel officers	95
	Training for peer educators	96
	Training for workers' representatives	96
	Training for safety and health officers	97
	Training for factory/labour inspectors	98
	Treatment, care and support	98
	Voluntary counselling and testing	99
	Disclosure and confidentiality	99
	Treatment	100
	Job security and promotion	100

	Terms and conditions of work	100
	Reasonable accommodation	101
	Worker assistance programmes	101
	Social protection	102
	ILO/WHO guidelines on health services and HIV/AIDS	102
13	Preventive and protective measures	105
	General considerations	105
	Engineering control and housekeeping	106
	Substitution	107
	Work practices and organizational methods	108
	Personal protective equipment	108
	Technological change	109
	Protection of the general environment	109
14	Health promotion, education and training	111
	Promotion of occupational safety and health	111
	Training and information at the national level	113
	Training and information at the enterprise level	114
	Training methods and materials	116
	International chemical hazard communication tools	117
	The International Chemical Safety Cards (ICSCs)	117
	The Globally Harmonized System for the Classification	110
	and Labelling of Chemicals (GHS)	118
	The International Chemical Control Toolkit	118
ANN	NEXES	
Ι	Glossary	123
II	Relevant ILO OSH instruments - Ratifications and status	129
III	Excerpts from major OSH international labour standards	134
IV	Model outline for the preparation of a national profile on OSH	164
V	A checklist for employers writing a safety policy statement	171
VI	A checklist for planning and implementing a workplace policy on HIV/AIDS	174
VII	Hierarchy of controls applied to risk of blood-borne pathogen	
	exposure	176

VIII	Hazard categories defined in the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)	.78
IX	The ILO's Programme on Safety, Health and the Environment (SafeWork)	.82
X		.86
Biblio	ography	89
	• •	93
Boxe	s	
1	The ILO's mandate on occupational safety and health	ix
2	The burden and cost of occupational accidents and diseases in the United Kingdom	5
3	Scope and purpose of OSH standards	11
4	Major ILO instruments concerning occupational safety and health in general	12
5	Examples of ILO instruments concerning specific risks and substances	13
6	Examples of ILO instruments concerning safety and health in specific branches of economic activity	13
7	Examples of recent ILO codes of practice on occupational safety and health	14
8	Safety and health at work – A human right	20
9	Joint ILO/WHO Committee's definition of occupational health	22
10	Key features of a national policy on occupational safety and health	28
11	Tripartite formulation of a national OSH policy in Italy	29
12	Indonesian national OSH policy and strategy	30
13	Hierarchy of preventive and protective measures	47
14	Management responsibilities in OSH training	53
15	Cooperation between inspectors and workers	61
16	Some problems of labour inspection	62
17	Surveillance, work and health	65
18	Risk assessment	67
19	Aims of a monitoring strategy for air pollutants	69
20	Responsibilities of staff involved in the surveillance of the	
	working environment	71
21	Some benefits of good record-keeping	78

22	Conditions governing workers' health surveillance
23	Concepts in occupational health
24	Functions of an occupational health service
25	ILO standards particularly relevant to HIV/AIDS 92
26	Summary of key principles in the ILO code of practice on HIV/AIDS and the world of work
27	Duties of employers when workers are exposed to occupational hazards
28	Examples of GHS chemical hazard pictograms
Figur	es
1	How the core OSH standards relate to ILO standards on other issues
2	National OSH system modelled from provisions in ILO OSH
	instruments 39
3	The OSH management cycle