

# Environment, Safety and Health ES&H Guidelines

## ISO 9001-2008 Document Map

**Please Note:**

This document is meant to show the relationship between the elements of ISO 9001 and the ES&H Guidelines. i.e. how the guidelines can be integrated into your ISO 9001 quality system.

ES&H Guidelines		ISO 9001 Elements (refer to descriptions of elements at the end of this table)																						
		4		5						6				7						8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
ESH-US-G-001	Responsibility and Authority			•	•	•	•	•		•														
ESH-US-G-002	Legal Compliance	•	•	•	•									•										
ESH-US-G-003	ES&H Training									•														
ESH-US-G-004	ES&H Audits																			•				
ESH-US-G-005	Corrective and Preventative Action																							•
ESH-US-G-006	Incident Investigation and Reporting							•											•		•			
ESH-US-G-007	Performance	•						•											•	•		•		

ES&H Guidelines		ISO 9001 Elements (refer to descriptions of elements at the end of this table)																					
		4		5						6				7						8			
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4
	Measurement and Reporting																						
ESH-US-G-008	Document Control		●			●		●															
ESH-US-G-009	Hazard Notification and ES&H Improvement	●			●		●							●						●			
ESH-US-G-010	ES&H Business Plan						●													●			
ESH-US-G-011	Management Review			●					●														
ESH-US-G-012	Insurance and Legal Claims																					●	
ESH-US-G-013	Communication with Employees			●	●	●		●							●								
ESH-US-G-014	External Communication				●										●								
ESH-US-G-015	Emergency Preparedness and Response																					●	
ESH-US-G-016	Takeovers, Acquisitions and Mergers													●				●					

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		4		5						6				7						8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
ESH-US-G-017	Divestment of Assets													•			•							
ESH-US-G-018	Research and Development														•									
ESH-US-G-019	Demolition and Decommissioning												•				•							
ESH-US-G-020	Product Safety				•											•								
ESH-US-G-021	Procurement															•		•						
ESH-US-G-022	Contractors' Management															•	•		•					
ESH-US-G-023	Material Safety Data Sheets													•		•		•						
ESH-US-G-024	Toxic and Hazardous Substances											•			•			•						
ESH-US-G-025	Visitors													•			•							
ESH-US-G-026	Designated Representatives				•										•									
ESH-US-G-027	Technical Documentation																	•						
ESH-US-G-028	Hazard and Risk Management	•					•																	

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		4		5						6				7						8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
ESH-US-G-029	Shutdown and Start-up																							
ESH-US-G-030	ES&H Aspects of Design																							
ESH-US-G-031	Management of Change																							
ESH-US-G-032	Safety Identification and Signage																							
ESH-US-G-033	Security																							
ESH-US-G-034	Offices																							
ESH-US-G-035	Laboratories																							
ESH-US-G-036	Work Permits																							
ESH-US-G-037	Physical Lockout-Tagout of Equipment																							
ESH-US-G-038	Electrical Lockout-Tagout of Equipment																							
ESH-US-G-039	Equipment Decontamination																							
ESH-US-G-040	Confined or Enclosed Spaces																							

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		4		5						6				7						8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
ESH-US-G-041	Hot Work																							
ESH-US-G-042	Working at Heights																							
ESH-US-G-043	Excavation and Earthwork																							
ESH-US-G-044	High Voltage Work																							
ESH-US-G-045	Fire Prevention and Control																							
ESH-US-G-046	Radioactive Substances																							
ESH-US-G-047	Cranes and Lifting Equipment																							
ESH-US-G-048	Powered Industrial Trucks																							
ESH-US-G-049	ES&H Aspects of Road-Vehicles																							
ESH-US-G-050	Loading and Unloading																							
ESH-US-G-051	Housekeeping																							
ESH-US-G-052	Personal Protective Equipment																							

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		4		5						6				7						8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
ESH-US-G-053	Emergency Equipment										•													
ESH-US-G-054	Storage and Warehousing										•						•							
ESH-US-G-055	Transport of Materials and Goods										•						•							
ESH-US-G-056	Structures and Buildings										•	•												
ESH-US-G-057	Plant and Machinery Safety										•					•		•						
ESH-US-G-058	Areas with Flammable Gases and Dusts										•	•												
ESH-US-G-059	Spare Number															•								
ESH-US-G-060	Instrumentation and Control Systems										•					•		•						
ESH-US-G-061	High Pressure Equipment										•							•						
ESH-US-G-062	Electrical Safety										•													
ESH-US-G-063	Management of Wastes													•			•	•						

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		4		5						6				7					8				
		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4
ESH-US-G-064	Waste Minimization												●				●						
ESH-US-G-065	Re-use and Recycling												●				●						
ESH-US-G-066	Waste Treatment												●				●						
ESH-US-G-067	Outdoor Work												●				●						
ESH-US-G-068	Land Remediation																			●			●
ESH-US-G-069	Environmental Noise												●				●	●					
ESH-US-G-070	Air Pollution and Odors												●				●	●					
ESH-US-G-071	Ecosystem Protection												●				●						
ESH-US-G-072	Resource and Energy Conservation												●				●						
ESH-US-G-073	Spare Number																						
ESH-US-G-074	Spill Prevention and Control												●				●						
ESH-US-G-075	Environmental Aspects and Impacts												●				●	●					
ESH-US-G-076	Spare Number																						
ESH-US-G-077	Greenhouse Effect and Ozone Layer												●				●						

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ESH-US-G-078	Spare Number																						
ESH-US-G-079	Health Services and First Aid										•												
ESH-US-G-080	Workplace Facilities and Sanitation										•												
ESH-US-G-081	Health Assessment and Surveillance										•	•											
ESH-US-G-082	Medical Records										•												
ESH-US-G-083	Smoking, Drugs and Alcohol										•												
ESH-US-G-084	Ergonomics										•												
ESH-US-G-085	Manual Handling										•												
ESH-US-G-086	Control of Harmful Fibers and Dusts										•	•											
ESH-US-G-087	Limits of Exposure										•	•						•					
ESH-US-G-088	Spare Number																						
ESH-US-G-089	Communicable Diseases										•												
ESH-US-G-090	Air Quality and										•	•						•					

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	Ventilation																						
ESH-US-G-091	Working Hours										•												
ESH-US-G-092	Control of Workplace Noise										•	•						•					
ESH-US-G-093	Hot Working Conditions										•	•						•					
ESH-US-G-094	Home-based Workers										•												
ESH-US-G-095	Young Persons in the Workplace										•							•					
ESH-US-G-096	Workplace Violence and Victimization										•							•					
ESH-US-G-097	Portable Ladders										•		•			•	•						
ESH-US-G-098	Machine Guarding										•		•			•	•	•					
ESH-US-G-099	Testing of Electrical Equipment										•		•				•	•					
ESH-US-G-100	Earth-moving Machinery										•					•							
ESH-US-G-101	ES&H Objectives and Targets			•			•																

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ESH-US-G-102	Workers with Disabilities													●										
ESH-US-G-103	Building Works													●										
ESH-US-G-104	Power Tools										●			●		●								
ESH-US-G-105	Spray Painting													●			●	●						
ESH-US-G-106	Workplace Stress													●				●						
ESH-US-G-107	Work on Roads													●					●					
ESH-US-G-108	Underground Tanks											●							●					
ESH-US-G-109	Work In Isolated Areas													●					●					
ESH-US-G-110	Transport Spills Prevention and Control													●						●				
ESH-US-G-111	Elevated Work Platforms											●		●						●				
ESH-US-G-112	Construction Work													●						●				
ESH-US-G-113	Employees' Complaints														●							●		
ESH-US-G-114	Lead in the Workplace											●	●	●					●	●				

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ESH-US-G-115	ES&H Records		●				●			●													
ESH-US-G-116	Workplace Inspections																			●			
ESH-US-G-117	Cold Working Conditions										●	●						●					
ESH-US-G-118	Control of Workplace Vibration										●	●						●					
ESH-US-G-119	Spare Number																						
ESH-US-G-120	Lighting in the Workplace										●	●						●					
ESH-US-G-121	Waste Disposal												●				●						
ESH-US-G-122	Carcinogenic Substances										●		●			●	●	●					
ESH-US-G-123	Work Areas Safety										●		●				●						
ESH-US-G-124	Abrasive Blasting												●				●						
ESH-US-G-125	Welding												●				●						
ESH-US-G-126	ES&H Aspects of Cell Phones										●		●			●	●						
ESH-US-G-127	Spare Number																						
ESH-US-G-128	Management		●																				

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		4.1	4.2	5.1	5.2	5.3	5.4	5.5	5.6	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	7.5	7.6	8.1	8.2	8.3	8.4	8.5
	Commitment																							
ESH-US-G-129	Workplace Consultation																							
ESH-US-G-130	Spare Number																							
ESH-US-G-131	ES&H Aspects of Laptop Computers										●		●			●	●							
ESH-US-G-132	Management of Mold in the Workplace										●	●						●						
ESH-US-G-133	Non-ionizing Radiation										●		●				●	●						
ESH-US-G-139	Pregnant Women in the Workplace													■				■						
ESH-US-G-140	The Control of Legionnaires' Disease										■	■						■						

ISO 9001 Elements:

- 4 Quality Management System**
- 4.1 General Requirements
- 4.2 Documentation Requirements
- 5 Management Responsibility**
- 5.1 Management Commitment
- 5.2 Customer Focus
- 5.3 Quality Policy

- 7 Product Realization**
- 7.1 Planning of Product Realization
- 7.2 Customer Related Processes
- 7.3 Design and Development
- 7.4 Purchasing
- 7.5 Production and Service Provision
- 7.6 Control of Monitoring and Measuring Devices

- 5.4 Planning
- 5.5 Responsibility, Authority and Communication
- 5.6 Management Review
- 6 Resource Management**
- 6.1 Provision of Resources
- 6.2 Human Resources
- 6.3 Infrastructure
- 6.4 Work Environment

- 8 Measurement, Analysis and Improvement**
- 8.1 General
- 8.2 Monitoring and Measurement
- 8.3 Control of Nonconforming Product
- 8.4 Analysis of Data
- 8.5 Improvement

SAMPLE