

Crosswalk between ISM 7 Guiding Principles, OHSAS 18001 Guidelines, ISO 14001 and BNL Standards-Based Management System (SBMS)

DOE 10 CFR Parts 850 & 851	DOE ISM 7 Guiding Principles	OHSAS 18001 Clauses	ISO 14001 Clauses	BNL Program Documentation		
				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
Subpart C – Specific Program Requirements 851.12 Implementation 851.20 Management Responsibilities and worker rights and responsibilities 851.24 Functional Areas Appendix A – Worker	1. Line managers clearly responsible for ES&H	4.1 General Requirements	4.1 General requirements of the EMS organization	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description Integrated Safety Management System Program Description ISO 14001 Plus Environmental Management System Manual	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS	
		4.4 Implementation and operation	4.4 Implementation and operation			

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
Safety and Health Functional Areas		4.4.1 Structure and responsibility	4.4.1 Structure and responsibility	Brookhaven National Laboratory Quality Assurance Program Description Facility Authorization Basis Program Description Hazardous Materials Transportation Manual Integrated Safety Management System Program Description ISO 14001 "Plus" Environmental Management System Manual Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description Radioactive Waste Management Basis Suspect / Counterfeit Items Program Description Fraud, Waste, Abuse, Corruption, and Other Criminal Offenses Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS Human Resources Management System Radiological Control Work Planning and Control	R2A2s Performance Appraisals Performance Goals and measures for Employees BNL Organizational Chart Standards of Performance and Conduct Disciplinary Procedures BNL Committee Handbook Integrated Management Review interim procedure Project Management Rad Dose Limits & ACLs Work Planning & Control

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
Subpart C - 851.20 Management responsibilities and worker rights and responsibilities	2. Clear ES&H roles and responsibilities	4.4.1 Structure and responsibility	4.4.1 Structure and responsibility	Brookhaven National Laboratory Quality Assurance Program Description Facility Authorization Basis Program Description Hazardous Materials Transportation Manual Integrated Safety Management System Program Description ISO 14001 "Plus" Environmental Management System Manual Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description Radioactive Waste Management Basis Suspect / Counterfeit Items Program Description Fraud, Waste, Abuse, Corruption, and Other Criminal Offenses Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS Human Resources Management System Radiological Control Work Planning and Control	R2A2s Performance Appraisals Performance Goals and measures for Employees BNL Organizational Chart Standards of Performance and Conduct Disciplinary Procedures BNL Committee Handbook Integrated Management Review interim procedure Project Management Rad Dose Limits & ACLs Work Planning & Control

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
851.21 Training and information	3. Competence commensurate with responsibilities	4.4.2 Training, awareness and competence	4.4.2 Training, awareness and competence	Brookhaven National Laboratory Quality Assurance Program Description Hazardous Materials Transportation Manual Integrated Safety Management System Program Description ISO 14001 "Plus" Environmental Management System Manual Occurrence Reporting Program Description Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS Training and Qualifications Work Planning and Control Human Resources Management System Radiological Control	Training and Qualification Contractor/Vendor Form and Procedure Guests and Visitors Rad Training and Qualifications
	4. Balanced priorities	4.2 OH&S policy	4.2 Environmental policy	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS	Environmental, Safety, Security, and Health (ESSH) Policy Statement
850.4 Enforcement 851.4 Compliance Order 851.5 Enforcement 851.6 Petitions for generally applicable rulemaking	5. Identify ES&H standards and requirements	4.3.2 Legal and other requirements	4.3.2 Legal and other requirements	ISO 14001 "Plus" Environmental Management System Manual Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS Legal	Requirements Management Laboratory Wide Procedures and Guidelines Requesting SBMS variances Legal and other requirements interim procedure

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
851.7 Requests for a binding interpretive ruling 851.8 Informal requests for information 851.13 Compliance 851.23 Safety and Health Standards 851.26 Recordkeeping and reporting 851.27 Reference Sources		4.5.3 Records and records management	4.5.3 Records and records management	Brookhaven National Laboratory Quality Assurance Program Description	SBMS Records Management	Requirements Management Records Management Facility Risk Analysis interim procedure Job Risk Analysis interim procedure
		4.4.4 Documentation	4.4.4 Documentation	Hazardous Materials Transportation Manual ISO 14001 "Plus" Environmental Management System Manual Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description	Quality Management	Integrated Management Review Interim Procedure Internal Controlled Documents Lab-wide Procedures & Guidelines
		4.4.5 Document and data control	4.4.5 Document and data control	Quality Assurance Program Facility Authorization Basis Program Description Hazardous Materials Transportation Manual ISO 14001 "Plus" Environmental Management System Manual	SBMS Records Management Quality Management	Internal Controlled Documents Subject Area Critiques Subject Area ORPs Subject Area BNL Injury/Illness Reports Lab-Wide Procedures and Guidelines
851.21 Hazard identification and assessment. 851.22 Hazard prevention and abatement.	6. Hazards controls tailored to the work	4.3 Planning	4.3 Planning			Facility Use Agreements Documenting OSH MS Objectives/Targets and OSH Management Programs interim procedure.

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
		4.3.1 Planning for hazard identification, risk assessment and risk control	4.3.1 Environmental aspects	Brookhaven National Laboratory Quality Assurance Program Description Facility Authorization Basis Program Description Hazardous Materials Transportation Manual Integrated Safety Management System Program Description ISO 14001 "Plus" Environmental Management System Manual Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Program Description Occurrence Reporting Program Description Radioactive Waste Management Basis Suspect / Counterfeit Items Program Description	Occupational Safety and Health (OSH) (Pilot for OHSAS 18001) Management System Description SBMS Facility Operations Radiological Control Hazardous Material Transportation Safety Human Resources Environmental Management System Life Cycle Asset Management Training and Qualifications Work Planning and Control	ALARA Program Asbestos Change Management Checklist Interim Procedure Chemicals, Working With Confined Spaces Documenting OHS Management System Objectives/Targets Interim Engineering Design Environmental Assessments Ergonomics, Occupational Facility Hazard Categorization Facility Risk Analysis interim procedure Facility Use Agreements Guests and Visitors Hazard Analysis Identifying Environmental Aspect/Impact Job Risk Analysis interim procedure Lifting Safety Natural Hazards in the Environment Noise and Hearing Nuclear Safety Policy ODH Classification/Controls OHSAS Audit Checklist Interim Procedure 5/19/2006 Operational Readiness Evaluation PCB Management

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				SBMS Program Description	BNL SBMS Management System	SBMS Subject Area(s)/Standards
851.11 Development and approval of the worker safety and health program 851.12 Implementation	7. Operations authorization	4.4 Implementation and operation	4.4 Implementation and operation			