



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-HDBK-1001-96	Guide to Good Practices for Training and Qualification of Instructors	James O'Brien
DOE-HDBK-1002-96	Guide to Good Practices for Training and Qualification of Chemical Operators	James O'Brien
DOE-HDBK-1003-96	Guide to Good Practices for Training and Qualification of Maintenance Personnel	James O'Brien
DOE-HDBK-1010-92	DOE Fundamentals Handbook, Classical Physics	James O'Brien
DOE-HDBK-1011/1-92	DOE Fundamentals Handbook, Electrical Science, Volume 1 of 4	James O'Brien
DOE-HDBK-1011/2-92	DOE Fundamentals Handbook, Electrical Science, Volume 2 of 4	James O'Brien
DOE-HDBK-1011/3-92	DOE Fundamentals Handbook, Electrical Science, Volume 3 of 4	James O'Brien
DOE-HDBK-1011/4-92	DOE Fundamentals Handbook, Electrical Science, Volume 4 of 4	James O'Brien
DOE-HDBK-1012/1-92	DOE Fundamentals Handbook, Thermodynamics, Heat Transfer, and Fluid Flow, Volume 1 of 3	James O'Brien
DOE-HDBK-1012/2-92	DOE Fundamentals Handbook, Thermodynamics, Heat Transfer, and Fluid Flow, Volume 2 of 3	James O'Brien
DOE-HDBK-1012/3-92	DOE Fundamentals Handbook, Thermodynamics, Heat Transfer, and Fluid Flow, Volume 3 of 3	James O'Brien
DOE-HDBK-1013/1-92	DOE Fundamentals Handbook, Instrumentation and Control, Volume 1 of 2	James O'Brien
DOE-HDBK-1013/2-92	DOE Fundamentals Handbook, Instrumentation and Control, Volume 2 of 2	James O'Brien
DOE-HDBK-1014/1-92	DOE Fundamentals Handbook, Mathematics, Volume 1 of 2	James O'Brien
DOE-HDBK-1014/2-92	DOE Fundamentals Handbook, Mathematics, Volumes 2 of 2	James O'Brien
DOE-HDBK-1015/1-93	DOE Fundamentals Handbook, Chemistry, Volume 1 of 2	James O'Brien



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-HDBK-1015/2-93	DOE Fundamentals Handbook, Chemistry, Volume 2 of 2	James O'Brien
DOE-HDBK-1016/1-93	DOE Fundamentals Handbook, Engineering Symbolology, Prints and Drawings, Volume 1 of 2	James O'Brien
DOE-HDBK-1016/2-93	DOE Fundamentals Handbook, Engineering Symbolology, Prints and Drawings, Volume 2 of 2	James O'Brien
DOE-HDBK-1017/1-93	DOE Fundamentals Handbook, Material Science, Volume 1 of 2	James O'Brien
DOE-HDBK-1017/2-93	DOE Fundamentals Handbook, Material Science, Volume 2 of 2	James O'Brien
DOE-HDBK-1018/1-93	DOE Fundamentals Handbook, Mechanical Science, Volume 1 of 2	James O'Brien
DOE-HDBK-1018/2-93	DOE Fundamentals Handbook, Mechanical Science, Volume 2 of 2	James O'Brien
DOE-HDBK-1019/1-93	DOE Fundamentals Handbook, Nuclear Physics and Reactor Theory, Volume 1 of 2	James O'Brien
DOE-HDBK-1019/2-93	DOE Fundamentals Handbook, Nuclear Physics and Reactor Theory, Volume 2 of 2	James O'Brien
DOE-STD-1020-2012	National Phenomena hazards Design and Evaluation Criteria for DOE Facilities	James O'Brien
DOE-STD-1025-2008	Weapons Quality Assurance Qualification Standard	Karen Boardman
DOE-STD-1026-2009	NNSA Package Certification Engineer Functional Area Qualification Standard	Karen Boardman
DOE-STD-1027-92 (CH1)	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports	James O'Brien
DOE-HDBK-1028/1-2009	Human Performance Improvement Handbook, Volume 1 of 2	Andrew Lawrence
DOE-HDBK-1028/2-2009	Human Performance Improvement Handbook, Volume 2 of 2	Andrew Lawrence
DOE-STD-1029-92 (CH1)	Writer's Guide for Technical Procedures	James O'Brien



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1030-96	Guide to Good Practices for Lockouts and Tagouts	James O'Brien
DOE-STD-1031-92 (CH1)	Guide to Good Practices for Communications	James O'Brien
DOE-STD-1032-92 (CH1)	Guide to Good Practices for Operations Organization and Administration	James O'Brien
DOE-STD-1033-92 (CH1)	Guide to Good Practices for Operations and Administration Updates Through Required Reading	James O'Brien
DOE-STD-1034-93 (CH1)	Guide to Good Practices for Timely Orders to Operators	James O'Brien
DOE-STD-1035-93 (CH1)	Guide to Good Practices for Logkeeping	James O'Brien
DOE-STD-1036-93 (CH1)	Guide to Good Practices for Independent Verification	James O'Brien
DOE-STD-1037-93 (CH1)	Guide to Good Practices for Operations Aspects of Unique Processes	James O'Brien
DOE-STD-1038-93 (CH1)	Guide to Good Practices for Operations Turnover	James O'Brien
DOE-STD-1039-93 (CH1)	Guide to Good Practices for Control of Equipment and System Status	James O'Brien
DOE-STD-1040-93 (CH1)	Guide to Good Practices for Control of On-Shift Training	James O'Brien
DOE-STD-1041-93 (CH1)	Guide to Good Practices for Shift Routines and Operating Practices	James O'Brien
DOE-STD-1042-93 (CH1)	Guide to Good Practices for Control Area Activities	James O'Brien
DOE-STD-1043-93 (CH1)	Guide to Good Practices for Operator Aid Postings	James O'Brien
DOE-STD-1044-93 (CH1)	Guide to Good Practices for Equipment and Piping Labeling	James O'Brien
DOE-STD-1045-93 (CH1)	Guide to Good Practices for Notifications and Investigation of Abnormal Events	James O'Brien



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-HDBK-1046-2008	Temporary Emergency Exposure Limits for Chemicals: Methods and Practice	James Fairobent
DOE-STD-1047-2008	Safety Functions and Other Features of Remotely Operated Weapon Systems (ROWS)	Larry Wilcher
DOE-STD-1063-2011 (CH-1)	Facility Representatives	James O'Brien
DOE-STD-1066-2012	Fire Protection	James O'Brien
DOE-STD-1070-94	Guidelines for Evaluation of Nuclear Facility Training Programs	James O'Brien
DOE-STD-1073-2003	Configuration Management Program	James O'Brien
DOE-HDBK-1074-95	Alternative Systematic Approaches to Training	James O'Brien
DOE-HDBK-1076-94	Table-Top Job Analysis	James O'Brien
DOE-HDBK-1078-94	Training Program Handbook: A Systematic Approach to Training	James O'Brien
DOE-HDBK-1080-97	Guide to Good Practices for Oral Examinations	James O'Brien
DOE-HDBK-1081-94	Primer on Spontaneous Heating and Pyrophoricity	James O'Brien
DOE-STD-1083-2009	Processing Exemptions to Nuclear Safety Rules and Approval of Alternative Methods for Documented Safety Analyses	James O'Brien
DOE-HDBK-1084-95	Primer on Lead-Acid Storage Batteries	James O'Brien
DOE-HDBK-1086-95	Table-Top Training Program Design	James O'Brien
DOE-STD-1090-2011	Hoisting and Rigging (Formerly Hoisting and Rigging Manual)	Patricia Worthington
DOE-HDBK-1092-2004	Electrical Safety	Patricia Worthington



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1095-2011	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry Systems	Andrew Lawrence
DOE-STD-1098-2008 (CN1)	Radiological Control	Patricia Worthington
DOE-HDBK-1099-96	Establishing Nuclear Facility Drill Programs	James O'Brien
DOE-HDBK-1100-2004	Chemical Process Hazards Analysis	Patricia Worthington
DOE-HDBK-1101-2004	Process Safety Management for Highly Hazardous Chemicals	Patricia Worthington
DOE-HDBK-1103-96	Table-Top Needs Analysis	James O'Brien
DOE-STD-1104-2009	Review and Approval of Nuclear Facility Safety Basis and Safety- Design Basis Documents	James O'Brien
DOE-STD-1107-97 (CN1)	Knowledge, Skills, and Abilities for Key Radiation Protection Positions at DOE Facilities	Patricia Worthington
DOE-HDBK-1108-2002 (CH-1)	Radiological Safety Training for Accelerator Facilities	Patricia Worthington
DOE-HDBK-1110-2008	ALARA Training for Technical Support Personnel	Patricia Worthington
DOE-STD-1111-98	Laboratory Accreditation Program Administration	Andrew Lawrence
DOE-STD-1112-98	Laboratory Accreditation Program for Radiobioassay	Andrew Lawrence
DOE-HDBK-1113-2008	Radiological Safety Training for Uranium Facilities	Patricia Worthington
DOE-HDBK-1114-98	Guide to Good Practices for Line and Training Manager Activities	James O'Brien
DOE-HDBK-1115-98	Guide to Good Practices for the Selection, Training, and Qualification of Shift Technical Advisors	James O'Brien
DOE-HDBK-1116-98	Guide to Good Practices for Developing and Conducting Case Studies	James O'Brien



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-HDBK-1117-99	Guide to Good Practices for Maintenance Supervisor Selection and Development	James O'Brien
DOE-HDBK-1118-99	Guide to Good Practices for Continuing Training	James O'Brien
DOE-HDBK-1119-99	Guide to Good Practices for the Selection, Training, and Qualification of Shift Supervisors	James O'Brien
DOE-STD-1120/1-2005	Integration of Environment, Safety, and Health into Facility Disposition Activities, Volume 1 of 2	James O'Brien
DOE-STD-1120/2-2005	Integration of Environment, Safety, and Health into Facility Disposition Activities, Volume 2 of 2	James O'Brien
DOE-STD-1121-2008	Internal Dosimetry	Patricia Worthington
DOE-HDBK-1122-2009	Radiological Control Technician Training	Patricia Worthington
DOE-STD-1123-2009	Safeguards and Security General Technical Base Qualification Standard	Karen Boardman
DOE-STD-1128-2008	Guide of Good Practices for Occupational Radiological Protection in Plutonium Facilities	Patricia Worthington
DOE-HDBK-1129-2008	Tritium Handling and Safe Storage	Chip Lagdon
DOE-HDBK-1130-2008	Radiological Worker Training	Patricia Worthington
DOE-HDBK-1131-2007 (CN1)	General Employee Radiological Training	Patricia Worthington
DOE-HDBK-1132-99	Design Considerations	James O'Brien
DOE-STD-1134-99	Review Guide for Criticality Safety Evaluations	Michael Thompson
DOE-STD-1135-99	Guidance for Nuclear Criticality Safety Engineer Training and Qualification	Michael Thompson
DOE-STD-1136-2009	Guide of Good Practices for Occupational Radiological Protection in Uranium Facilities	Patricia Worthington



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1137-2007	Fire Protection Engineering Functional Area Qualification Standard	Karen Boardman
DOE-STD-1138-2007	Industrial Hygiene Functional Area Qualification Standard	Karen Boardman
DOE-HDBK-1139/1-2006	Chemical Management (Volume 1 of 3)	Patricia Worthington
DOE-HDBK-1139/2-2006	Chemical Management (Volume 2 of 3)	Patricia Worthington
DOE-HDBK-1139/3-2008	Chemical Management (Volume 3 of 3)	Patricia Worthington
DOE-HDBK-1140-2001	Human Factors/Ergonomics Handbook for Design for Ease of Maintenance	Andrew Lawrence
DOE-HDBK-1141-2008	Radiological Assessor Training	Patricia Worthington
DOE-SPEC-1142-2001	Beryllium Lymphocyte Proliferation Testing	Patricia Worthington
DOE-HDBK-1145-2008	Radiological Safety Training for Plutonium Facilities	Patricia Worthington
DOE-STD-1146-2007	General Technical Base Qualification Standard	Karen Boardman
DOE-HDBK-1148-2002	Work Smart Standards (WSS) Users Handbook	Patricia Worthington
DOE-STD-1149-2002	Safety and Health Program for DOE Construction Projects	Patricia Worthington
DOE-STD-1150-2002	Quality Assurance Functional Area Qualification Standard	Karen Boardman
DOE-STD-1151-2010	Facility Representative Functional Area Qualification Standard	Karen Boardman
DOE-STD-1153-2002	A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota	Andrew Lawrence
DOE-STD-1155-2002	Transportation and Traffic Management Functional Area Qualification	Karen Boardman



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1156-2011	Environmental Compliance Functional Area Qualification Standard	Karen Boardman
DOE-STD-1157-2002	Environmental Restoration Functional Area Qualification Standard	Karen Boardman
DOE-STD-1158-2010	Self-Assessment Standard for DOE Contractor Criticality Safety Programs	Michael Thompson
DOE-STD-1159-2003	Waste Management Functional Area Qualification Standard	Karen Boardman
DOE-STD-1160-2011	Occupational Safety Functional Area Qualification Standard	Karen Boardman
DOE-STD-1161-2008	Mechanical Systems Functional Area Qualification Standard	Karen Boardman
DOE-STD-1162-2003	Instrumentation and Control Functional Area Qualification Standard	Karen Boardman
DOE-HDBK-1163-2003	Integration of Multiple Hazard Analysis Requirements and Activities	Patricia Worthington
DOE-STD-1164-2003 (CN-1)	Aviation Safety Officer, Functional Area Qualification Standard	Karen Boardman
DOE-STD-1165-2003 (CN-1)	Aviation Manager Functional Area Qualification Standard	Karen Boardman
DOE-STD-1166-2003	Deactivation and Decommission Functional Area Qualification Standard	Karen Boardman
DOE-STD-1167-2003	Respiratory Acceptance Program for Supplied-Air Suits	Patricia Worthington
DOE-HDBK-1169-2003	Nuclear Air Cleaning Handbook	James O'Brien
DOE-STD-1170-2007	Electrical Systems and Safety Oversight Functional Area Qualification Standard	Karen Boardman
DOE-STD-1171-2009	Safeguard and Security Functional Area Standard	Karen Boardman
DOE-STD-1172-2011	Safety Software Quality Assurance Functional Area Qualification Standard	Karen Boardman



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1173-2009	Criticality Safety Functional Area Qualification Standard	Karen Boardman
DOE-STD-1174-2003	Radiation Protection Functional Area Qualification Standard	Karen Boardman
DOE-STD-1175-2006	Senior Technical Safety Manager Qualification Standard	Karen Boardman
DOE-STD-1176-2010	Chemical Processing Functional Area Qualification Standard	Karen Boardman
DOE-STD-1177-2004	Emergency Management Functional Area Qualification Standard	Karen Boardman
DOE-STD-1178-2004	Technical Program Manager Functional Area Qualification Standard	Karen Boardman
DOE-STD-1179-2004	Technical Training Functional Area Qualification Standard	Karen Boardman
DOE-STD-1180-2004	Construction Management Functional Area Qualification Standard	Karen Boardman
DOE-STD-1181-2004	Facility Maintenance Management Functional Area Qualification Standard	Karen Boardman
DOE-STD-1182-2004	Civil/Structural Engineering Functional Area Qualification Standard	Karen Boardman
DOE-STD-1183-2007	Nuclear Safety Specialist Functional Area Qualification Standard	Karen Boardman
DOE-STD-1185-2007 (CN-1)	Nuclear Explosive Safety Study Functional Area Qualification Standard	Karen Boardman
DOE-STD-1186-2004	Specific Administrative Controls	James O'Brien
DOE-STD-1187-2007	Beryllium-Associated Worker Registry Data Collection and Management Guidance	Patricia Worthington
DOE-HDBK-1188-2006	DOE Glossary of Environment, Safety and Health Terms	James O'Brien
DOE-STD-1189-2008	Integration of Safety Into the Design Process	James O'Brien



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-1190-2007	Illness and Injury Surveillance Program Guidelines	Patricia Worthington
DOE-STD-1192-2010	Vulnerability Assessment Technical Standard (OUO)	Larry Wilcher
DOE-STD-1193-2010	Safety Functions and Other Features of Lethal Activated Denial Systems	Larry Wilcher
DOE-STD-1194-2011 (CH-2)	Nuclear Materials Control and Accountability	Larry Wilcher
DOE-STD-1195-2011	Design of Safety Significant Safety Instrumented Systems used at DOE Nonreactor Nuclear Facilities	James O'Brien
DOE-STD-1196-2011	Derived Concentration Technical Standard for Application of Best Available Technology in Support of DOE Order 458.1, Radiation Protection of the Public and the Environment	Andrew Lawrence
DOE-STD-1197-2011	Occurrence Reporting Causal Analysis	Andrew Lawrence
DOE-HDBK-1200-97	Guide to Good Practices for Developing Learning Objectives	James O'Brien
DOE-HDBK-1201-97	Guide to Good Practices: Evaluation Instrument Examples	James O'Brien
DOE-HDBK-1202-97	Guide to Good Practices for Teamwork Training and Diagnostic Skills Development	James O'Brien
DOE-HDBK-1203-97	Guide to Good Practices for Training of Technical Staff and Managers	James O'Brien
DOE-HDBK-1204-97	Guide to Good Practices for Development of Test Items	James O'Brien
DOE-HDBK-1205-97	Guide to Good Practices for the Design, Development, and Implementation of Examinations	James O'Brien
DOE-HDBK-1206-98	Guide to Good Practices for On-the-Job Training	James O'Brien
DOE-STD-1207-2012	Protection Programming Defensive Planning for Fixed Facilities	Larry Wilcher
DOE-HDBK-1208/1-2012	Accident Investigation and Prevention - Volume 1 - Accident Analysis Techniques	Andrew Lawrence



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-HDBK-1208/2-2012	Accident Investigation and Prevention - Volume 2 - Operational Safety Review Techniques	Andrew Lawrence
DOE-HDBK-1209-2012	Access Handbook – Conducting Health Studies at Department of Energy Sites	Patricia Worthington
DOE-STD-1210-2012	Incidents of Security Concern	Larry Wilcher
DOE-STD-1212-2012	Explosives Safety	James O'Brien
DOE-STD-3003-2000	Backup Power Sources for DOE Facilities	James O'Brien
DOE-STD-3006-2010	Planning and Conducting Readiness Reviews	James O'Brien
DOE-STD-3007-2007	Guidelines for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities	Patricia Worthington
DOE-STD-3009-94 (CN-3)	Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analyses	James O'Brien
DOE-HDBK-3010/1-94 (CN-1)	Airborne Release Fractions/Rates and Respirable Fractions For Nonreactor Nuclear Facilities, Volume 1 of 2	James O'Brien
DOE-HDBK-3010/2-94	Airborne Release Fractions/Rates and Respirable Fractions For Nonreactor Nuclear Facilities, Volume 2 of 2	James O'Brien
DOE-STD-3011-2002	Guidance for Preparation of Basis for Interim Operation (BIO) Documents	James O'Brien
DOE-HDBK-3012-2003	Guide to Good Practices for Operational Readiness Reviews (ORR), Team Leader's Guide	James O'Brien
DOE-STD-3013-2012	Stabilization, Packaging, and Storage of Plutonium-Bearing Materials	Kenneth Picha
DOE-STD-3014-2006	Accident Analysis for Aircraft Crash Into Hazardous Facilities	James O'Brien
DOE-NA-STD-3016-2006	Hazard Analysis Reports for Nuclear Explosive Operations	Don Nichols



Department of Energy (DOE) Technical Standards Program



All Active DOE Technical Standards

Document Number	Document Title	Responsible SLM
DOE-STD-3020-2005	Specification for HEPA Filters Used by DOE Contractors	James O'Brien
DOE-STD-3024-2011	Content of System Design Descriptions	James O'Brien
DOE-STD-3025-2007	Quality Assurance Inspection and Testing of HEPA Filters	James O'Brien
DOE-HDBK-3027-99	Integrated Safety Management Systems (ISMS) Verification Team Leader's Handbook	Patricia Worthington
DOE-STD-3028-2000	Criteria for Packaging and Storing Uranium-233-Bearing Materials	Don Nichols
DOE-STD-4001-2000	Design Criteria for Electronic Management Software Applications	TheAnne Gordon
DOE-STD-5506-2007	Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities	Matthew Moury
DOE-STD-6002-96	Safety of Magnetic Fusion Facilities: Requirements	Gene Nardella
DOE-STD-6003-96	Safety of Magnetic Fusion Facilities: Guidance	Gene Nardella
DOE-HDBK-6004-99	Supplementary Guidance and Design Experience for DOE Fusion Safety Standards DOE-STD-6002-96 and DOE-STD-6003-96	Gene Nardella
DOE-STD-6005-2001	Industrial Hygiene Practices	Patricia Worthington
DOE-STD-7501-99	The DOE Corporate Lessons Learned Program	Andrew Lawrence