CLIN 1Attachment 1 – Process and Procedures

The Contractor shall perform work consistent with the following design codes, standards, DOE Orders, NETL Procedures and Manuals:

- NETL Consensus Standards List

Subscription : ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE (38)

ANSI A14.3-2008, American National Standard for Ladders - Fixed - Safety Requirements	ANSI A14.3-2008	
ANSI B24.1-1985, Forging Machinery Safety Requirements	ANSI B24.1-1985	
ANSI O1.1-2013, Woodworking Machinery – Safety Requirements	ANSI O1.1-2013	
ANSI S1.4-1983 (R2006)/ANSI S1.4a-1985 (R2006), American National Standard Specification for Sound Level Meters	ANSI S1.4-1983 R2006	
ANSI Z136.1-2014, American National Standard for the Safe Use of Lasers	ANSI Z136.1-2014	
ANSI Z136.6-2005, American National Standard for Safe Use of Lasers Outdoors	ANSI Z136.6-2005	
ANSI/AIHA Z9.2-2012, Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems	ANSI AIHA Z9.2-2012	
ANSI/AIHA Z9.5-2012, Laboratory Ventilation	ANSI AIHA Z9.5-2012	
ANSI/ASA S3.1-1999 (R 2008), Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms	ANSI ASA S3.1-1999 R2008	
ANSI/ASA S3.6-2010, Specification for Audiometers	ANSI ASA S3.6-2010	

ANSI/ASC- A14.5-2017, American National Standard for Ladders - Portable Reinforced Plastic – Safety Requirements	ANSI ASC- A14.5-2017
ANSI/ASHRAE 55-2013, Thermal Environmental Conditions for Human Occupancy	ANSI ASHRAE 55-2013
ANSI/ASSE A10.32-2012, Personal Fall Protection Used in Construction and Demolition Operations	ANSI ASSE A10.32-2012
ANSI/ASSE Z117.1-2009, Safety Requirements for Confined Spaces	ANSI ASSE Z117.1-2009
ANSI/ASSE Z244.1-2003 (R 2014), Control of Hazardous Energy - Lockout/Tagout and Alternative Methods	ANSI ASSE Z244.1-2003 (R 2014)
ANSI/ASSE Z359.1-2007, Safety Requirements for Personal Fall Arrest Systems, Subsystems, and Components	ANSI ASSE Z359.1-2007
ANSI/ASSE Z359.12-2009, Connecting Components for Personal Fall Arrest Systems	ANSI ASSE Z359.12-2009
ANSI/ASSE Z359.13-2013, Personal Energy Absorbers and Energy Absorbing Lanyards	ANSI ASSE Z359.13-2013
ANSI/ASSE Z359.14-2014, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems	ANSI ASSE Z359.14-2014
ANSI/ASSE Z359.2, Minimum Requirements for a Comprehensive Managed Fall Protection Program	ANSI ASSE Z359.2-2017
ANSI/ASSE Z359.3-2007, Safety Requirements for	ANSI ASSE Z359.3-2007

Positioning and Travel Restraint System		
ANSI/ASSE Z359.4-2013, Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems, and Components	ANSI ASSE Z359.4-2013	
ANSI/ASSE Z359.6-2009, Specifications and Design Requirements for Active Fall Protection Systems	ANSI ASSE Z359.6-2009	
ANSI/ASSE Z359.7-2011, Qualification and Verification Testing of Fall Protection Products	ANSI ASSE Z359.7-2011	
ANSI/ASSE Z87.1-2003, Occupational and Educational Personal Eye and Face Protection Devices	ANSI ASSE Z87.1-2003	
ANSI/HPS N43.3-2008, General Radiation Safety Standard for Installations Using Non-Medical X-Ray and Sealed Gamma Ray Sources, Energies up to 10 MeV	ANSI HPS N43.3-2008	
ANSI/IEC 60974-1-2012, Arc Welding Equipment – Part 1: Welding Power Sources	ANSI IEC 60974-1-2012	
ANSI/IEEE 1584, Guide for Performing Arc Flash Hazard Calculations	ANSI IEEE 1584-2002	
ANSI/IESNA RP-1-2004, American National Standard for Office Lighting	ANSI IESNA RP-1-2004	
ANSI/IESNA RP-7-2001, Lighting Industrial Facilities	ANSI IESNA RP-7-2001	
ANSI/ISEA Z358.1-2014, American National Standard for Emergency Eyewash and Shower Equipment	ANSI Z358.1-2014	
ANSI/ISEA Z87.1-2015,	ANSI Z87.1-2015	

American National Standard for Occupational and Educational Personal Eye and Face Protection Devices		
ANSI/ISEA Z89.1-2014, American National Standard for Industrial Head Protection	ANSI ISEA Z89.1-2014	
ANSI/ITSDF B56.1-2009, Safety Standard for Low Lift and High Lift Trucks	ANSI ITSDF B56.1-2009	
ANSI/SIA A92.2-2009, Vehicle-Mounted Elevating and Rotating Aerial Devices	ANSI SIA A92.2-2009	
IEEE 1584.1, IEEE Guide for the Specification of Scope and Deliverable Requirements for an Arc-Flash Hazard Calculation Study in Accordance with IEEE Std 1584(TM)	IEEE 1584.1-2013	
IEEE 1584b, IEEE Guide for Performing Arc-Flash Hazard Calculations--Amendment 2: Changes to Clause 4	IEEE 1584b-2011	
IEEE Std 1584a, IEEE Guide for Performing Arc-Flash Hazard Calculations-Amendment 1	IEEE Std 1584a-2004	

Subscription : ASHRAE – AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS (4)

ASHRAE 110-1995, Method of Testing and Performance of Laboratory Fume Hoods	ASHRAE 110-1995	
ASHRAE 52.2-2012, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	ASHRAE 52.2-2012	
ASHRAE 55-2017, Thermal Environmental Conditions for Human Occupancy	ASHRAE 55-2017	

ASHRAE 62.1-2010, Ventilation for Acceptable Indoor Air Quality	ASHRAE 62.1-2010

Subscription : ASME - AMERICAN SOCIETY OF MECHANICAL ENGINEERS (15)

ASME B.1.20.1-2013, Pipe Threads, General Purpose, Inch	ASME B.1.20.1-2013
ASME B16.10-2009, Face to Face and End to End Dimensions of Valves	ASME B16.10-2009
ASME B31.1-2012, Power Piping	ASME B31.1-2012
ASME B31.3-2016, Process Piping	ASME B31.3-2016
ASME Boiler and Pressure Vessel Code, Section II, B-2017, Nonferrous Material Specifications	ASME_BPVC_II_B_2017
ASME Boiler and Pressure Vessel Code, Section II, C-2017, Specifications for Welding Rods, Electrodes, and Filler Metals	ASME_BPVC_II_C_2017
ASME Boiler and Pressure Vessel Code, Section II, D-C-2017, Properties (Customary)	ASME_BPVC_II_D_C_2017
ASME Boiler and Pressure Vessel Code, Section II, Division I, A-2017, Ferrous Material Specifications	ASME_BPVC_II_A_01_2017
ASME Boiler and Pressure Vessel Code, Section II, D-M-2017, Properties (Metric)	ASME_BPVC_II_D_M_2017
ASME Boiler and Pressure Vessel Code, Section IX, Welding	ASME_BPVC_IX_2017
ASME Boiler and Pressure Vessel Code, Section V, Non-Destructive Examination	ASME_BPVC_V_2017
ASME Boiler and Pressure	ASME_BPVC_VIII_3_2017

Vessel Code, Section VIII, Division 3-2017, Alternative Rules for Construction of High Pressure Vessels	
ASME Boiler and Pressure Vessel Code, Section VIII, Division I, 2017, Rules for Construction of Pressure Vessels	ASME_BPVC_VIII_1_2017
ASME Boiler and Pressure Vessel Code, Section VIII, Division II, 2017, Rules for Construction of Pressure Vessels-Alternative Rules	ASME_BPVC_VIII_2_2017
ASME PCC-1-2013, Guidelines for Pressure Boundary Bolted Flange Joint Assembly	ASME PCC-1-2013

Subscription : ASTM – AMERICAN SOCIETY FOR TESTING AND MATERIALS (1)

ASTM F2413-2011, Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear	ASTM F2413-2011

Subscription : AWS - AMERICAN WELDING SOCIETY (3)

AWS D1.1-2010, Structural Welding Code - Steel	AWS D1.1-2010
AWS D1.2-2008, Structural Welding Code - Aluminum	AWS D1.2-2008
AWS_Z49.1-2012, Safety in Welding and Cutting and Allied Processes	AWS_Z49.1-2012

Subscription : CGA - COMPRESSED GAS ASSOCIATION (28)

CGA C-6-2013, Standards for Visual Inspection of Steel Compressed Gas Cylinders	CGA C-6-2013
CGA C-7-2011, Guide to the Preparation of Precautionary Labeling and Marking of Compressed Gas Containers	CGA C-7-2011

CGA C-8-2010, Standard for Requalification of DOT-3HT, CTC-3HT, and TC-3HTM Seamless Steel Cylinders	CGA C-8-2010
CGA E-3-2008, Low Pressure Pipeline Station Outlet/Regulator Inlet Connection Standard	CGA E-3-2008
CGA E-4-2010, Standard for Gas Pressure Regulators	CGA E-4-2010
CGA G-1-2011, Acetylene	CGA G-1-2011
CGA G-4.1-2009, Cleaning Equipment for Oxygen Service	CGA G-4.1-2009
CGA G-4.13-2012, Centrifugal Compressors for Oxygen Service	CGA G-4.13-2012
CGA G-4.4-2012, Oxygen Pipeline and Piping Systems	CGA G4.4-2012
CGA G-4.6-2014, Oxygen Compressor Installation and Operation Guide	CGA G-4.6-2014
CGA G-4.9-2017, Safe Use of Brazed Aluminum Heat Exchangers for Producing Pressurized Oxygen	CGA G-4.9-2017
CGA G-4-2008, Oxygen	CGA G-4-2008
CGA G-5.4-2010, Standard for Hydrogen Piping Systems at User Locations	CGA G-5.4-2010
CGA G-5.5-2014, Hydrogen Vent Systems	CGA G-5.5-2014
CGA G-5-2011, Hydrogen	CGA G-5-2011
CGA G-6-2009, Carbon Dioxide	CGA G-6-2009
CGA G-8.1-2007, Standard for Nitrous Oxide Systems at Customer Sites	CGA G-8.1-2007
CGA P-1-2015, Safe	CGA P-1-2015

Handling of Compressed Gases in Containers	
CGA P-12-2009, Safe Handling of Cryogenic Liquids	CGA P-12-2009
CGA P-39-2015, Guidelines for Oxygen-Rich Atmospheres	CGA P-39-2015
CGA P-45-2018, Fire Hazards of Oxygen and Oxygen-Enriched Atmospheres	CGA P-45-2018
CGA P-9-2008, The Inert Gases: Argon, Nitrogen, and Helium	CGA P-9-2008
CGA S-1.1-2013, Pressure Relief Device Standards - Part 1- Cylinders for Compressed Gases	CGA S-1.1-2013
CGA S-1.2-2009, Pressure Relief Device Standards – Part 2 - Portable Containers for Compressed Gases	CGA S-1.2-2009
CGA S-1.3-2008, Pressure Relief Device Standards – Part 3 – Stationary Storage Containers for Compressed Gases	CGA S-1.3-2008
CGA V-1-2013, Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections	CGA V-1-2013
CGA V-6-2008, Standard Bulk Refrigerated Liquid Transfer Connections	CGA V-6-2008
CopyrightNotice for requests 03 2008	CopyrightNotice for requests 03 2008 (002)

Subscription : IAPMO – INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (1)

IAPMO, Uniform Plumbing	IAPMO-2003

Code		
Subscription : IEC - International Electrotechnical Commission (4)		
IEC 17025-2005, General Requirements for the Competence of Testing and Calibration Laboratories	IEC 17025-2005	
IEC 61511-1-2003, Functional Safety - Safety Instrumented Systems for the Process Industry Sector Part 1: Framework, Definitions, System, Hardware, and Software Requirements	IEC 61511-1-2003	
IEC 61511-2-2003, Functional Safety - Safety Instrumented Systems for the Process Industry Sector Part 2: Guidelines for the Application of IEC 61511-1	IEC 61511-2-2003	
IEC 61511-3-2003, Functional Safety - Safety Instrumented Systems for the Process Industry Sector Part 3: Guidance for the Determination of the Required Safety Integrity Levels	IEC 61511-3-2003	
Subscription : ISA - Instrumentation, Systems, and Automation Society (12)		
ANSI/ISA 84.91.01-2012, Identification and Mechanical Integrity of Safety Controls, Alarms, and Interlocks in the Process Industry	ANSI ISA 84.91.01-2012	
ISA 5.1-2009, Instrumentation Symbols and Identification	ISA 5.1-2009	
ISA 5.2-1976, Binary Logic Diagrams for Process Operations	ISA 5.2-1976	
ISA 5.3-1983, Graphic Symbols for Distributed	ISA 5.3-1983	

Control/Shared Display Instrumentation, Logic and Computer Systems		
ISA 5.4-1991, Instrument Loop Diagrams	ISA 5.4-1991	
ISA 5.5-1985, Graphic Symbols for Process Displays	ISA S5.5-1985	
ISA TR84.00.02-2002 pt. 1, Safety Instrumented Functions (SIF) - Safety Integrity Level (SIL) Evaluation Techniques Part 1: Introduction	ISA TR84.00.02-2002 pt 1	
ISA TR84.00.02-2002 pt. 2, Safety Instrumented Functions (SIF) - Safety Integrity Level (SIL) Evaluation Techniques Part 2: Determining the SIL of a SIF via Simplified Equations	ISA TR84.00.02-2002 pt 2	
ISA TR84.00.02-2002 pt. 3, Safety Instrumented Functions (SIF) - Safety Integrity Level (SIL) Evaluation Techniques Part 3: Determining the SIL of a SIF via Fault Tree Analysis	ISA TR84.00.02-2002 pt 3	
ISA TR84.00.02-2002 pt. 4, Safety Instrumented Functions (SIF) - Safety Integrity Level (SIL) Evaluation Techniques Part 4: Determining the SIL of a SIF via Markov Analysis	ISA TR84.00.02-2002 pt 4	
ISA TR84.00.02-2002 pt. 5, Safety Instrumented Functions (SIF) - Safety Integrity Level (SIL) Evaluation Techniques Part 5: Determining the PFD of SIS Logic Solvers via Markov Analysis	ISA TR84.00.02-2002 pt 5	
ISA TR84.00.03-2012,	ISA TR84.00.03-2012	

Mechanical Integrity of Safety Instrumented Systems (SIS)	

Subscription : ISO – INTERNATIONAL STANDARDS ORGANIZATION (9)

ISO 14001-2004, Environmental Management Systems – Requirements With Guidance for Use	ISO-14001-2004
ISO 14001-2009 Technical Corrigendum, Environmental Management Systems - Requirements with Guidance for Use	ISO-14001-2009
ISO 14001-2015, Environmental management systems — Requirements with guidance for use	ISO 14001-2015
ISO 14119-2007, Safety of Machinery – Interlocking Devices Associated with Guards – Principles for Design and Selection – Amendment 1: Design to Minimize Defeat Possibilities	ISO-14119-2007
ISO 14119-2013, Safety of Machinery - Interlocking Devices Associated With Guards - Principles for Design and Selection	ISO 14119-2013
ISO 17025-2005, General Requirements for the Competence of Testing and Calibration Laboratories	ISO 17025-2005
ISO 17025-2006 Technical Corrigendum, General Requirements for the Competence of Testing and Calibration Laboratories	ISO 17025-2006
ISO 19011-2011, Guidelines for Auditing Management Systems	ISO 19011-2011

ISO/TR 18569-2004, Safety of Machinery - Guidelines for the Understanding and Use of Safety of Machinery Standards	ISO TR 18569-2004	

Subscription : MANUALS (2)

NESC Handbook: A Discussion of the National Electrical Safety Code, 7th Edition	NESC Handbook 2011	
Swagelok Fitter's Manual	Swagelok Tube Fitter's Manual	

Subscription : MISCELLANEOUS STANDARDS (6)

ASCE 7-2010, Minimum Design Loads for Buildings and Other Structures	ASCE 7-2010	
Food and Drug Administration, Plumbing and Cross-Connection Control	FDA Plumbing Cross Connection Control	
ICC IBC-2012, International Building Code	ICC IBC-2012	
IEEE 142-2007, Grounding of Industrial and Commercial Power Systems	IEEE 142-2007	
IEEE C2-2012, National Electrical Safety Code	IEEE C2-2012	
UL 96A, Installation Requirements for Lightning Protection Systems	UL 96A	

Subscription : NEMA – National Electrical Manufacturers Association (4)

ANSI/NEMA Z535.1-2011, Safety Colors	NEMA Z535.1-2011	
ANSI/NEMA Z535.2-2011, Environmental and Facility Safety Signs	NEMA Z535.2-2011	
ANSI/NEMA Z535.3-2011, Criteria for Safety Symbols	NEMA Z535.3-2011	
ANSI/NEMA Z535.5-2011,	NEMA Z535.5-2011	

Safety Tags and Barricade Tapes (for Temporary Hazards)	

Subscription : NFPA - NATIONAL FIRE PROTECTION ASSOCIATION (62)

NFPA 101-2018, Life Safety Code®	NFPA 101-2018
NFPA 101A-2016, Alternative Approaches to Life Safety	NFPA 101A-2016
NFPA 10-2018, Portable Fire Extinguishers	NFPA 10-2018
NFPA 110-2016, Emergency and Standby Power Systems	NFPA 110-2016
NFPA 111-2016, Standard on Stored Electrical Energy Emergency and Standby Power Systems	NFPA 111-2016
NFPA 11-2016, Low-, Medium-, and High-Expansion Foam	NFPA 11-2016
NFPA 115-2016, Laser Fire Protection	NFPA 115-2016
NFPA 1-2018, Fire Code	NFPA 1-2018
NFPA 12-2015, Carbon Dioxide Extinguishing Systems	NFPA 12-2015
NFPA 13-2016, Standard for the Installation of Sprinkler Systems	NFPA 13-2016
NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	NFPA 13D-2016
NFPA 13E, Recommended Practices for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems	NFPA 13E-2015

NFPA 13R, Standard for the Installation of Sprinkler Systems In Low-Rise Residential Occupancies	NFPA 13R-2016
NFPA 14-2016, Installation of Standpipe and Hose Systems	NFPA 14-2016
NFPA 15-2012, Standard for Water Spray Fixed Systems for Fire Protection	NFPA 15-2012
NFPA 16-2011, Standard for the Installation of Foam-Water Sprinkler Foam-Water Spray Systems	NFPA 16-2011
NFPA 170-2015, Standard for Fire Safety and Emergency Symbols	NFPA 170-2015
NFPA 17-2013, Standard for Dry Chemical Extinguishing Systems	NFPA 17-2013
NFPA 18-2011, Standard on Wetting Agents	NFPA 18-2011
NFPA 2001-2015, Standard on Clean Agent Fire Extinguishing Systems	NFPA 2001-2015
NFPA 2-2011, Hydrogen Technologies Code	NFPA 2-2011
NFPA 2-2016, Hydrogen Technologies Code	NFPA 2-2016
NFPA 220-2015, Standard on Types of Building Construction	NFPA 220-2015
NFPA 221-2015, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls	NFPA 221-2015
NFPA 241-2013, Standard for Safeguarding Construction, Alteration, and Demolition Operations	NFPA 241-2013
NFPA 25-2014, Standard for	NFPA 25-2014

the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems	
NFPA 30-2015, Flammable and Combustible Liquids Code	NFPA 30-2015
NFPA 3-2015, Recommended Practice for Commissioning of Fire Protection and Life Safety Systems	NFPA 3-2015
NFPA 350-2016, Best Practices Guide for Safe Confined Space Entry and Work	NFPA 350-2016
NFPA 400-2016, Hazardous Materials Code	NFPA 400-2016
NFPA 4-2015, Standard for Integrated Fire Protection and Life Safety System Testing	NFPA 4-2015
NFPA 45-2015, Standard on Fire Protection for Laboratories using Chemicals	NFPA 45-2015
NFPA 484-2015, Standard for Combustible Metals	NFPA 484-2015
NFPA 496-2013, Standard for Purged and Pressurized Enclosures for Electrical Equipment	NFPA 496-2013
NFPA 497-2012, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	NFPA 497-2012
NFPA 5000-2018, Building construction and Safety Code	NFPA 5000-2018
NFPA 50-2001, Standard for Bulk Oxygen Systems at Consumer Sites	NFPA 50-2001

NFPA 505-2013, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	NFPA 505-2013	
NFPA 50A-1999, Standard for Gaseous Hydrogen Systems at Consumer Sites	NFPA 50A-1999	
NFPA 51B-2014, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work	NFPA 51B-2014	
NFPA 54 National Fuel Gas Code	NFPA 54-2015	
NFPA 55-2016, Compressed Gases and Cryogenic Fluids Code	NFPA 55-2016	
NFPA 58-2014, Liquified Petroleum Gas Code	NFPA 58-2014	
NFPA 652-2016, Standard on the Fundamentals of Combustible Dust	NFPA 652-2016	
NFPA 68-2013, Standard on Explosion Protection by Deflagration Venting	NFPA 68-2013	
NFPA 69-2014, Standard on Explosion Prevention Systems	NFPA 69-2014	
NFPA 70, National Electrical Code	NFPA 70-2017	
NFPA 704-2012, Standard System for the Identification of the Hazards of Materials for Emergency Response	NFPA 704-2012	
NFPA 70B-2013, Recommended Practice for Electrical Equipment Maintenance	NFPA 70B-2013	
NFPA 70E-2018, Standard for Electrical Safety in the Workplace	NFPA 70E-2018	

NFPA 72-2013, National Fire Alarm and Signaling Code	NFPA 72-2013
NFPA 75-2017, Standard for the Fire Protection of Information Technology Equipment	NFPA 75-2017
NFPA 77-2014, Recommended Practice on Static Electricity	NFPA 77-2014
NFPA 79, Electrical Standard for Industrial Machinery	NFPA 79-2015
NFPA 791, Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation	NFPA 791-2018
NFPA 80-2016, Standard for Fire Doors and Other Opening Protectives	NFPA 80-2016
NFPA 85-2015, Boiler and Combustion Systems Hazards Code	NFPA 85-2015
NFPA 86-2015, Standards for Ovens and Furnaces	NFPA 86-2015
NFPA 90A-2015, Standard for the Installation of Air Conditioning and Ventilating Systems	NFPA 90A-2015
NFPA 91-2015, Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	NFPA 91-2015
NFPA 99-2012, Health Care Facilities Code	NFPA 99-2012
NFPA 99-2015, Health Care Facilities Code	NFPA 99-2015

Subscription : OHSAS – OCCUPATIONAL HEALTH AND SAFETY ASSESSMENT SERIES (1)

NETL Directives

- DOE O414.1, Quality Assurance;
- DOE Guide 414.1-1 Management and Assessment Guide;
- DOE Guide 414.1-2, Quality Assurance Program Guide;
- DOE Guide 414.1-3, Suspect/counterfeit Items Guide;
- NETL O414.1, Quality Management System;
- NETL OP 414.1-1, Quality Assurance Plan
- NETL O420.3, Conduct of Operations
- NETL O436.1 Departmental Sustainability
- NETL P110.3-1, Event Management;
- All NETL 142 procedures and manuals;
- All NETL 151 procedures and manuals;
- All NETL 202 procedures and manuals;
- All NETL 205 procedures and manuals;
- NETL P210.1-2, Operating Experience;
- All NETL 231 p procedures and manuals;
- All NETL 243 procedures and manuals;
- All NETL 414 procedures and manuals;
- NETL P 420.3-1, Operating Procedures and Operator Aids;
- All NETL 421 procedures and manuals;
- NETL P 431.1-1, Identification of Piping/Tubing Systems;
- All NETL 440 procedures and manuals;
- All NETL 450 procedures and manuals
- All NETL 470 procedures, with the exception of NETL P470.4-11;
- NETL P 471.3-1, Identifying and Protecting Official Use Only Information;
- NETL P 473.3-1, Keys and Access Cards Systems;
- NETL P 480.1-1, Export Compliance Determination;
- NETL P 482.1-1, Technology Transfer Program Procedures for Agreements;
- NETL P 510.1-1, Patent Inventions by DOE/NETL Employees;
- NETL P 513.1-1, Freedom of Information Act (FOIA) Requests;
- NETL P 540.8-1, Non-Federal Employee In-processing and Out-processing;
- NETL 541.2-1, Affirmative Procurement Program;
- NETL 570.1-1, Space Management Process;
- Research Engineering Design Guide;