

Standards Manager Web Standards List

IPS-Iranian Petroleum standards

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1	C-EL-115	Construction Standard for Electrical Installation	2025	IPS	
2	E-PR-180	Engineering standard for storage, transfer, loading, transportation and unloading of sulfure-Process Requirments	2025	IPS	
3	E-SF-120	Engineering Standard for Offshore Installation Fire Fighting and Fire Protection	2025	IPS	
4	G-SF-160	Petroleum industryû Requirements for evacuation, escape and rescue	2024	IPS	
5	G-ME-160	General Standard for Water Cooling Towers	2024	IPS	
6	G-ME-250	General Standard for Pressure and Vacuum Relief Devices	2024	IPS	
7	G-PM-260	General Standard for Gas Turbines for Petroleum, Chemical and Gas Industry Services	2024	IPS	
8	M-EL-181	Material and Equipment Standard for Power Factor Improvement Capacitor	2024	IPS	
9	M-EL-190	Material Standard for Electrical Heat Tracing	2024	IPS	
10	M-GN-450	Material and Equipment Standard for Abrasive Air Blasting Machine	2024	IPS	
11	M-IN-110	Material and Equipment Standard for Pressure Instruments	2024	IPS	
12	M-PM-230	Material and Equipment Standard for Special Purpose Centrifugal Fans	2024	IPS	
13	M-PM-290	Material and Equipment Standard for Reciprocating Internal Combustion Engines	2024	IPS	
14	M-PM-300	Material and Equipment Standard for Special Purpose Gear Units	2024	IPS	
15	M-PM-310	Material and Equipment Standard for Special Purpose Couplings	2024	IPS	
16	M-PM-330	Material and Equipment Standard for Mixers	2024	IPS	
17	M-PM-160	Material and Equipment Standard for Positive Displacement, Oil Sealed-Rotary Vacuum Pumps	2024	IPS	
18	E-IN-110	Engineering Standard for Pressure Instruments	2024	IPS	
19	E-IN-120	Engineering Standard for Temperature Instruments	2024	IPS	
20	E-PR-492	Engineering Standard for Process Requirements of Caustic and Chemical Systems	2024	IPS	
21	C-IN-110	Construction Standard for Pressure Instruments	2024	IPS	
22	E-CE-110	Engineering Standard for Soil Engineering	2024	IPS	
23	E-CE-500	Engineering Standard for Loads	2023	IPS	
24	C-CE-355	Standard for Demolition	2023	IPS	
25	C-IN-290	Petroleum industry û Programmable Logic controllers (PLC) û Part 3: Installation and commissioning requirements	2023	IPS	
26	C-PM-216	Construction Standard for Process Machinery Installation and Installation Design	2023	IPS	
27	E-PR-551	Engineering Standard for Process Design of Gas Treating Units	2023	IPS	
28	E-PR-750	Engineering Standard for Process Design of Compressors	2023	IPS	
29	E-PR-772	Petroleum Industryû Heat exchangers Process design requirements	2023	IPS	
30	E-PR-850	Engineering Standard for Process Requirements of Vessels, Reactors & Separators	2023	IPS	
31	E-PR-880	Engineering Standard for Process Design of Gas (Vapor) - Liquid Separators	2023	IPS	
32	E-PR-895	Engineering Standard for Process Design of Solid-Liquid Separators	2023	IPS	
33	E-SF-110	Petroleum industryû Requirements for the selection of active firefighting systems	2023	IPS	
34	E-IN-290	Petroleum industry û Programmable logic controllers (PLC) û Part 1: Designing and engineering requirements	2023	IPS	
35	E-PR-170	Engineering Standard for Process Flow Diagram	2023	IPS	
36	E-PR-200	Engineering Standard for Basic Engineering Design Data	2023	IPS	

37	E-PR-230	Engineering Standard for Piping & Instrumentation Diagrams (P & IDs)	2023	IPS	
38	E-PR-440	Engineering Standard for Process Design of Piping Systems (Process Piping & Pipeline Sizing)	2023	IPS	
39	E-PR-460	Engineering Standard for Process Design of Flare & Blow down Systems	2023	IPS	
40	G-DR-800	Petroleum industry ûDrilling fluids additives û Drilling starch- Part 1: Low viscosity, low temperatureû Specification and test methods	2023	IPS	0
41	G-DR-805	Petroleum industryû Drilling fluids additives û Drilling starch- Part 2: Low viscosity, medium temperatureû Specification and test methods	2023	IPS	0
42	G-DR-810	Petroleum industryû Drilling fluids additives û Drilling starch û Part 3: Low viscosity, high temperature - Specification and test methods	2023	IPS	0
43	G-DR-815	Petroleum industryû Drilling fluids additives û Drilling starch û Part 4: High viscosity, low temperature - Specification and test methods	2023	IPS	0
44	G-DR-820	Petroleum industry - Drilling fluids additives - Drilling barite - Specifications and test methods	2023	IPS	0
45	G-DR-825	Petroleum industry - Drilling fluids additives - Drilling hematite (ferro-bar) - Specifications and test methods	2023	IPS	0
46	G-DR-830	Petroleum industry - Drilling fluids additives - Drilling potassium chloride - Specifications and test methods	2023	IPS	0
47	G-DR-835	Petroleum industry - Drilling fluids additives - Drilling calcium chloride - Specifications and test methods	2023	IPS	0
48	G-DR-840	Petroleum industry - Drilling fluids additives - Drilling polyanionic cellulose - Part 1: Low viscosity û Specifications and test methods	2023	IPS	0
49	G-DR-845	Petroleum industry - Drilling fluids additives - Drilling polyanionic cellulose -Part 2: High viscosity û Specifications and test methods	2023	IPS	0
50	G-DR-850	Petroleum industry - Drilling fluids additives -Drilling xanthan gum - Specifications and test methods	2023	IPS	0
51	G-DR-855	Petroleum industry - Drilling fluids additives - Drilling carboxymethyl cellulose - Part 1: Low viscosity - Specifications and test methods	2023	IPS	0
52	G-DR-860	Petroleum industry - Drilling fluids additives - Drilling carboxymethyl cellulose - Part 2: High viscosity - Specifications and test methods	2023	IPS	0
53	G-DR-865	Petroleum industry - Drilling fluids additives - Partially Hydrolyzed Polyacryl Amide (PHPA) - Code of Practice	2023	IPS	0
54	G-DR-870	Petroleum industry - Drilling fluids additives - Glycol - Code of Practice	2023	IPS	0
55	G-DR-875	Petroleum industry - Drilling fluids additives - Part 1: Water Base Drilling fluids	2023	IPS	0
56	G-DR-880	Petroleum industry - Requirements and technical criteria for evaluation and selection of the suitable descaling chemical for use in South Pars offshore pipelines by online method - Code of practice	2023	IPS	0
57	G-DR-900	Petroleum industry - Drilling fluids additives - Oyster shell - Specifications and test methods	2023	IPS	0
58	G-DR-905	Petroleum industry - Drilling fluids additives -Drilling Walnut - Specifications and test methods	2023	IPS	0
59	G-DR-910	Petroleum industry - Drilling fluids additives -Limestone chips - Specifications and test methods	2023	IPS	0
60	G-DR-915	Petroleum industry - Drilling fluids additives -Combined lost - Circulation control Materials - Specifications and test methods	2023	IPS	0
61	G-DR-920	Petroleum industry - Drilling fluids additives - Drilling Mica - Specifications and test methods	2023	IPS	0
62	M-PM-180	Material and Equipment Standard for Package Integrally Geared Centrifugal Compressors for Utility and Instruments	2023	IPS	
63	M-PM-220	Material and Equipment Standard for Positive Displacement Compressors Rotary	2023	IPS	
64	M-TP-190	Material and Equipment Standard for Coal Tar Epoxy Polyamide Paint as Primer, Intermediate and Top Coat (Finish)	2023	IPS	
65	M-TP-207	Paints and varnishes - Zinc-rich paints Type 1: inorganic and type 2: organic - Specifications and test methods	2023	IPS	
66	M-TP-221	Paints and varnishes - Epoxy polyamide paints- Test methods	2023	IPS	
67	M-TP-222	Paints and varnishes - Epoxy polyamide paints- Specifications	2023	IPS	
68	M-TP-235	Material and Equipment Standard for Two Pack Aliphatic Polyurethane Paint as Top Coat (Finish)	2023	IPS	
69	T-PP-155	Gasoline vapor recovery system - General requirements	2023	IPS	
70	T-PP-160	Motor vehicle fuelling stations	2023	IPS	

71	M-PM-320	Material and Equipment Standard for Lubrication, Shaft Sealing and Control Oil Systems and Auxiliaries for Process Services	2023	IPS	
72	M-IN-260	Material and Equipment Standard for Alarms and Protective Systems	2023	IPS	
73	M-PM-130	Material and Equipment Standard for Positive Displacement Pumps Reciprocating	2023	IPS	
74	M-PM-150	Material and Equipment Standard for Positive Displacement Pumps Controlled Volume	2023	IPS	
75	M-EL-240	Material and Equipment Standard for Low Voltage Industrial and Flameproof a.c. Switch-Fuse Assembly	2023	IPS	
76	G-SF-150	Petroleum industry Requirements for spacing and layout of industry and equipment	2023	IPS	
77	G-PI-140	Petroleum industry Pipelines Technical requirements	2023	IPS	
78	G-PI-250	Petroleum industry Piping systems Technical requirements	2023	IPS	
79	G-SF-170	Petroleum industry Requirements of passive fire protection	2023	IPS	
80	G-SF-600	Petroleum industry - Installation life cycle risk management	2023	IPS	
81	G-SF-900	General Standard for Noise Control and Vibration	2023	IPS	
82	G-TP-271	External coating for buried or submerged pipelines used in piping systems-Part 11: Coatings for in-field application, coating repairs and rehabilitation	2023	IPS	
83	G-TP-670	Petroleum industry- Chemical materials for control of corrosive mediums -Technical requirements	2023	IPS	
84	G-TP-700	Petroleum industry - Thermal insulations - Technical requirements	2023	IPS	
85	G-TP-741	Petroleum, petrochemical and natural gas industries - Materials selection and corrosion control for oil and gas production systems	2023	IPS	
86	G-TP-820-1	Cathodic protection - Part 1: General principles of onshore cathodic protection	2023	IPS	
87	G-TP-820-2	Cathodic protection - Part 2: General principles of cathodic protection in seawater	2023	IPS	
88	G-TP-820-3	Cathodic protection - Part 3: Inspection and test	2023	IPS	
89	I-IN-115	Periodical Inspection for Instrumentation	2023	IPS	
90	M-EL-136	Material and Equipment Standard for Rotating Electrical Machines Direct Current Motors	2023	IPS	
91	M-EL-138	Material and Equipment Standard for Synchronous Generators	2023	IPS	
92	M-EL-176	Material and Equipment Standard for Uninterruptible Power Supply System (UPS)	2023	IPS	
93	E-SF-130	Fire extinguishing systems based on clean agents Design, operation and inspection requirement	2023	IPS	
94	E-SF-160	Engineering Standard for CO2 Gas Fire Extinguishing Systems	2023	IPS	
95	E-SF-861	Petroleum industry? Air pollution control requirements	2023	IPS	
96	E-SF-870	Petroleum industry - Requirements for soil pollution control	2023	IPS	
97	E-SF-880	Engineering Standard for Water Pollution Control	2023	IPS	
98	G-AR-340	Petroleum industry Sanitary installation Requirements of installation	2023	IPS	
99	G-CE-250	Engineering, Construction and Material Standard for Chimneys and Stacks	2023	IPS	
100	G-CE-270	Engineering, Construction and Material Standard for Fencing & Gates	2023	IPS	
101	G-GN-471	High pressure water jet machines Safety requirements Part 1: Machines	2023	IPS	
102	G-IN-260	Engineering and Installation Standard for Indicating Lights, Alarms & Protective Systems	2023	IPS	
103	G-ME-100	General Standard for Atmospheric Above Ground Welded Steel Storage Tanks	2023	IPS	
104	G-ME-110	General Standard for Large Welded Low Pressure Storage Tanks	2023	IPS	
105	G-ME-120	General Standard for Aviation Turbine Fuel Storage Tanks	2023	IPS	
106	M-EL-144	Material and Equipment Standard for Medium and High Voltage Switchgear and Controlgear	2021	IPS	0
107	M-TP-750	Material and Equipment Standard for Cathodic Protection	2021	IPS	0
108	G-CP-210	Petroleum industry Standard design and construction of the - Code of practice	2021	IPS	0

109	E-PR-360	Engineering Standard for Process Design of Liquid & Gas Transfer & Storage	2021	IPS	0
110	G-DR-700	Petroleum industry- Requirements and technical criteria for logging of oil and gas wells- Code of practice	2021	IPS	0
111	T-PP-125	Petroleum products-hydrocarbon types in liquid-Petroleum products by fluorescent indicator adsorption-Test method	2021	IPS	0
112	T-PP-130	Petroleum products-Acid number and naphthenic acids by titration	2021	IPS	0
113	T-PP-135	Water in crude oils by coulometric karl fischer titration - Test method	2021	IPS	0
114	T-PP-140	Corrosiveness to copper from petroleum products by copper stip - Test method	2021	IPS	0
115	T-PP-145	Acid number of petroleum products by potentiometric titration - Test method	2021	IPS	0
116	E-IN-240	Engineering Standard for Measurement of Liquid Hydrocarbons (Custody Transfer)	2020	IPS	0
117	M-PI-190	Material and Equipment Standard for Line Pipe	2020	IPS	0
118	G-CP-400	Determining standard capacities, technical requirements, health, safety & environment of the skid mounted (Crude oil prefabricated processing units)	2020	IPS	0
119	G-PI-600	Flexible Non-Metallic line pipe (RTP/TCP)-Code of practice	2020	IPS	0
120	M-EL-144	Material and Equipment Standard for Medium and High Voltage Switchgear and Controlgear	2020	IPS	0
121	E-GN-000	General Index to Standards and Standard Drawings	2020	IPS	0
122	E-TP-702	Thermal insulation of pipework, ductwork, associated equipment and other industrial installations in the temperature range of -100 °C to +870 °C-Code of practice	2019	IPS	0
123	G-HT-100	Petroleum and gas industries - Design, manufacturing and operation of magnetic intelligent pigs - Technical requirement	2019	IPS	0
124	M-EL-143	Material and Equipment Standard for Low Voltage Switchgear and Controlgear	2019	IPS	0
125	M-TP-780	Steel tubes and fittings for onshore and offshore pipelines external liquid applied epoxy and epoxy	2019	IPS	0
126	M-TP-800	Petroleum, petrochemical and natural gas industries- Production systems	2019	IPS	0
127	M-TP-790	Petroleum, petrochemical and natural gas industries Internal coating and lining of steel storage tanks	2019	IPS	0
128	G-PI-400	Petroleum industry-Metallic Pipes for Industrial piping	2019	IPS	0
129	G-PI-500	Petroleum industry-Metallic Pipes for Linepipes	2019	IPS	0
130	E-PI-140	Engineering Standard for Onshore Transportation Pipelines	2019	IPS	0
131	E-PM-100	Engineering Standard for General Design Requirements of Process Machineries	2019	IPS	0
132	E-PM-110	Engineering Standard for Technical Evaluation of Machineries	2019	IPS	0
133	E-PR-370	Engineering Standard for Process Design of Loading & Unloading Facilities for Road Tankers	2019	IPS	0
134	G-ME-150	General Standard for Towers, Reactors, Pressure Vessels and Internals	2019	IPS	0
135	G-ME-230	General Standard for Double Pipe Heat Exchangers	2019	IPS	0
136	G-PI-400	Petroleum industry-Metallic Pipes for Industrial piping	2018	IPS	0
137	G-PI-500	Petroleum industry-Metallic Pipes for Linepipes	2018	IPS	0
138	G-GN-220	General Standard for Corrosion Resistant Alloy Seamless Tubes for Use as Casing, Tubing and Coupling Stock (CRA)	2018	IPS	0
139	G-GN-700	PETROLEUM INDUSTRY- NON-FERROUS METALS AND ALLOYS	2018	IPS	0
140	G-GN-750	Petroleum industry- Alloy Steels	2018	IPS	0
141	E-PR-410	Engineering Standard for Process Design of Hot Oil & Tempered Water Circuits	2018	IPS	0
142	E-PR-420	Engineering Standard for Process Design of Heat Tracing & Winterizing	2018	IPS	0
143	G-CP-100	Petroleum industry- Downhole sucker rod pumps - Code of practice	2018	IPS	0
144	G-CP-200	Petroleum industry - Petroleum and gas industrial wellhead and christmas tree equipment - Code of practice	2018	IPS	0
145	G-CP-300	Petroleum industry - Electric submersible pump for artificial lift in oil wells - Code of practice	2018	IPS	0
146	G-DR-100	Petroleum industry - Downhole completion equipment - Code of practice	2018	IPS	0
147	G-DR-200	Petroleum industry-Rotary drilling bits -Code of practice	2018	IPS	0
148	G-DR-300	Petroleum industry- Casing and tubing for wells-Code of practice	2018	IPS	0

149	G-DR-400	Petroleum industry-Drill pipes-Code of practice	2018	IPS	0
150	G-DR-500	Petroleum industry-Coiled tubing-Code of practice	2018	IPS	0
151	G-PM-100	Petroleum industry - Rotary equipment- Pumps - Code of practice	2018	IPS	0
152	G-PM-190	Petroleum industry - Rotary equipment- Compressors - Code of practice	2018	IPS	0
153	G-PM-270	Petroleum industry - Rotary equipment- Turbines - Code of practice	2018	IPS	0
154	M-TP-770	Plant -Applied external fusion bond epoxy Pipe coating for steel	2018	IPS	0
155	T-PP-100	Petroleum products-Measurement of water in crude oil by distillation-Test method	2018	IPS	0
156	T-PP-105	Petroleum products - Mesurement of water and sediment in crude oil by the centrifuge method (laboratory procedure)- Test method	2018	IPS	0
157	T-PP-110	Petroleum products- Determination of density and relative density of crude oils by digital density analyzer-Test method	2018	IPS	0
158	T-PP-115	Petroleum products- Distillation of heavy hydrocarbon mixtures (vacuum potstill method) -Test method	2018	IPS	0
159	T-PP-120	Petroleum products- Determination of nitrogen in liquid hydrocarbons, petroleum and petroleum products by boat-inlet chemiluminescence-Test method	2018	IPS	0
160	G-IN-240	Petroleum industry - Custody fluid flow metering systems (liquid, gas and wet gas) - Code of practice	2018	IPS	0
161	G-EL-130	Petroleum industry - Explosion proof rotary electrical machines - Part 1: Asynchronous electrical motors - Code of practice	2018	IPS	0
162	G-IN-150	Petroleum industry - Downhole and surface measurement tools - Code of practice	2018	IPS	0
163	G-IN-160	Petroleum industry - Safety valves, control valves and peripherals - Code of practice	2018	IPS	0
164	G-IN-150	Petroleum industry - Downhole and surface measurement tools - Code of practice	2017	IPS	0
165	G-IN-160	Petroleum industry - Safety valves, control valves and peripherals - Code of practice	2017	IPS	0
166	G-EL-130	Petroleum industry - Explosion proof rotary electrical machines - Part 1: Asynchronous electrical motors - Code of practice	2017	IPS	0
167	G-PM-100	Petroleum industry - Rotary equipment- Pumps - Code of practice	2017	IPS	0
168	G-PM-190	Petroleum industry - Rotary equipment- Compressors - Code of practice	2017	IPS	0
169	G-PM-270	Petroleum industry - Rotary equipment- Turbines - Code of practice	2017	IPS	0
170	E-AR-342	ENGINEERING STANDARD FOR SANITARY PIPEWORK	2016	IPS	0
171	E-EL-110	Engineering Standard for Hazardous Area	2016	IPS	0
172	E-GN-000	General Index to Standards and Standard Drawings	2016	IPS	0
173	E-IN-100	Engineering Standard for General Instrumentation	2016	IPS	61
174	E-PR-150	Engineering Standard for Basic Design Package & Recommended Practice for Feasibility Studies	2016	IPS	0
175	E-SF-100	Engineering Standard for Classification of Fires and Fire Hazard Properties	2016	IPS	108
176	G-GN-200	CNG	2016	IPS	74
177	G-GN-230	General Standard for Basic Design Package and Recommended Practice for Front End Engineering Design	2016	IPS	46
178	G-IN-200	General Standard for Instruments air system	2016	IPS	44
179	I-EL-217	Inspection Standard for Precommissioning Electrical Tests	2016	IPS	72
180	G-SF-202	General Standard for Mains Water, Sprinklers, DCP, CO2 & Foam Systems	2016	IPS	53
181	G-SF-900	General Standard for Noise Control and Vibration	2015	IPS	46
182	I-IN-100	Inspection Standard for General Instrument systems	2015	IPS	23
183	I-PM-305	Standard for Periodical Inspection of Machineries	2015	IPS	31
184	M-EL-152	Material and Equipment Standard for Oil Immersed Power Transformers	2015	IPS	32
185	M-EL-161	Material and Equipment Standard for General Electrical Items	2015	IPS	0
186	M-IN-160	Material Standard for Control Valves	2015	IPS	11
187	G-PI-230	General Standard for Strainers & Filters	2015	IPS	30
188	G-GN-220	General Standard for Corrosion Resistant Alloy Seamless Tubes for Use as Casing, Tubing and Coupling Stock (CRA)	2015	IPS	19

189	E-SF-340	Engineering Standard for Fire Fighting Hose Box and/or Shelter	2015	IPS	10
190	E-PR-250	Engineering Standard for Performance Guarantee	2015	IPS	0
191	E-PR-290	Engineering Standard for Plant Operating Manuals	2015	IPS	27
192	E-PR-700	Engineering Standard for Process Design of Crude Oil Electrostatic Desalters	2015	IPS	0
193	E-IN-160	Engineering Standard for Control Valves	2015	IPS	96
194	C-SF-505	Standard for Installation, Inspection & Testing of Fire Fighting Fixed Systems	2015	IPS	27
195	C-SF-507	Standard for Training Facilities & Fire Fighters Qualifications	2015	IPS	16
196	C-SF-550	Application Standard for Safety Boundary Limit	2015	IPS	28
197	C-IN-100	Construction and Installation Standard for General Instruments Field Inspection, Calibration & Testing of Instrument and Instrument System	2015	IPS	36
198	C-IN-160	Construction and Installation Standard for Control Valves	2015	IPS	28
199	M-PM-290	Material and Equipment Standard for Reciprocating Internal Combustion Engines	2015	IPS	22
200	M-SF-455	Material and Equipment Standard for Fire Blanket-Fire Fighters Suits (Fire-Proof Types) Fire-Resisting Curtain & Shields	2015	IPS	27
201	C-CE-355	Standard for Demolition	2015	IPS	0
202	C-PI-240	Construction Standard for Plant Piping Systems	2015	IPS	0
203	C-PI-350	Construction Standard for Plant Piping Systems Pressure Testing	2015	IPS	0
204	E-AR-130	Engineering Standard for Humidification & Dehumidification System	2015	IPS	0
205	E-AR-160	Engineering Standard for Venting, Ventilation and Pressurizing System	2015	IPS	0
206	E-CE-110	Engineering Standard for Soil Engineering	2015	IPS	0
207	G-GN-200	General Standard for CNG	2015	IPS	0
208	E-PI-200	Engineering Standard for Flexibility Analysis	2014	IPS	16
209	M-PI-190	Material and Equipment Standard for Line Pipe	2014	IPS	31
210	C-IN-240	Construction Standard for Measurement of Liquid Hydrocarbons Custody Transfer	2014	IPS	36
211	E-PR-745	Engineering Standard for Process Design of Vacuum Equipment (Vacuum Pumps and Steam Jet Ejectors)	2014	IPS	40
212	E-PR-755	Engineering Standard for Process Design of Fans and Blowers	2014	IPS	0
213	E-PR-845	Engineering Standard for Process Design of Steam Traps	2014	IPS	28
214	E-SF-400	Engineering Standard for Industrial Stairs, Ladders, Platforms, and Scaffolds	2014	IPS	50
215	E-SF-410	Engineering Standard for Performance Requirements and General Design of Scaffolds	2014	IPS	47
216	G-PM-105	General Standard for Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries	2014	IPS	22
217	G-IN-300	Tank Gauging Devices for Petroleum and Petroleum Product	2014	IPS	28
218	G-ME-120	General Standard for Aviation Turbine Fuel Storage Tanks	2014	IPS	20
219	G-IN-250	Engineering and Construction Standard for Distributed Control System (DCS)	2014	IPS	33
220	M-IN-250	Material and Equipment Standard for Distributed Control System (DCS)	2014	IPS	41
221	M-EL-271	Material Standard for Low Voltage Cables & Wires	2014	IPS	14
222	M-EL-272	Material Standard for Medium and High Voltage Power Cables	2014	IPS	11
223	M-EL-273	Material Standard for SubMarine Power Cables with Inherent Optical Fibers	2014	IPS	14
224	M-GN-260	Material and Equipment Standard for Pallets	2013	IPS	49
225	M-IN-290	Material and Equipment Standard for Programmable Logic Controllers (PLC)	2013	IPS	0
226	M-EL-240	Material and Equipment Standard for Low Voltage Industrial and Flameproof a.c. Switch-Fuse Assembly	2013	IPS	31
227	M-EL-144	Material and Equipment Standard for Medium and High Voltage Switchgear and Controlgear	2013	IPS	26
228	M-EL-151	Material and Equipment Standard for Dry Type Power Transformers	2013	IPS	14

229	G-IN-290	Engineering and Construction Standard for Programmable Logic Controllers (PLC)	2013	IPS	37
230	E-CE-380	Engineering Standard for Sewerage and Surface Water Drainage System	2013	IPS	10
231	E-IN-180	Engineering Standard for Instruments Electrical Power Supply & Distribution Systems	2013	IPS	17
232	e-gn-000	General Index to Standards and Standard Drawings	2013	IPS	0
233	e-in-130	Engineering Standard for Flow Instruments	2013	IPS	0
234	e-in-140	Engineering Standard for Level Instruments	2013	IPS	0
235	m-el-138	Material and Equipment Standard for Synchronous Generators	2013	IPS	0
236	m-in-130	Material and Equipment Standard for Flow Instruments	2013	IPS	0
237	m-in-140	Material and Quality Control Standard for Level Instruments	2013	IPS	0
238	m-pi-150	Material Standard for Flanges & Fittings	2013	IPS	0
239	m-pm-140	Material and Equipment Standard for Positive Displacement Pumps-Rotary	2012	IPS	0
240	m-pm-240	Material and Equipment Standard for General Purpose Steam Turbines	2012	IPS	0
241	e-in-240	Engineering Standard for Measurement of Liquid Hydrocarbons (Custody Transfer)	2012	IPS	0
242	e-pi-221	Engineering Standard for Piping Material Selection (on Plot Piping)	2012	IPS	0
243	g-ce-470	Engineering and Construction Standard for Onshore Facilities	2012	IPS	0
244	g-in-230	General Standard for Analyzer	2012	IPS	0
245	i-el-217	Inspection Standard for Precommissioning Electrical Tests	2012	IPS	0
246	e-el-100	Engineering and Equipment Standard for Electrical System Design (Industrial & Non-Industrial)	2012	IPS	0
247	e-el-110	Engineering Standard for Hazardous Area	2012	IPS	0
248	e-gn-120	Engineering Standard for Drafting	2012	IPS	0
249	e-in-105	Engineering Standard for Instrument workshop, layouts, test and calibration tools	2012	IPS	0
250	E-AR-360	ENGINEERING STANDARD FOR BUILDING PIPING (HOT AND COLD)	2012	IPS	0
251	G-CE-470	Engineering and Construction Standard for Onshore Facilities	2012	IPS	23
252	M-AR-345	MATERIAL STANDARD FOR WATER SUPPLY AND SEWERAGE EQUIPMENT	2012	IPS	17
253	D-CE-300	Typical Chainlink Fencing (Type 1)	2012	IPS	0
254	D-CE-301	Typical Chainlink Fencing (Type 2)	2012	IPS	0
255	D-CE-302	Typical Chainlink Fencing (Type 3)	2012	IPS	0
256	D-CE-303	Typical Chainlink Fencing (4.80 & 1.20 Meter Wide)	2012	IPS	0
257	e-gn-100	Engineering Standard for Units	2011	IPS	0
258	C-TP-352	Construction Standard for Lining	2010	IPS	219
259	C-TP-701	Construction Standard for Application of Thermal Insulations	2010	IPS	134
260	C-TP-742	Construction Standard for Corrosion Consideration During Fabrication & Installation	2010	IPS	161
261	C-TP-101	Construction Standard for Surface Preparation	2010	IPS	186
262	C-TP-102	Construction Standard for Painting	2010	IPS	120
263	E-TP-350	Engineering Standard for Linings	2010	IPS	165
264	E-TP-740	Engineering Standard for Corrosion Consideration in Material Selection	2010	IPS	161
265	E-TP-780	Engineering Standards for Chemical Control of Corrosive Environments	2010	IPS	263
266	E-TP-820	Engineering Standard for Cathodic Protection	2010	IPS	203
267	M-AR-145	Material and Equipment Standard for Field Erected Air Conditioning Systems	2010	IPS	64
268	M-AR-225	Material and Equipment Standard for General HVAC&R Equipment	2010	IPS	111
269	E-EL-160	Engineering Standard for Overhead Transmission & Distribution Lines	2010	IPS	34

270	M-EL-181	Material and Equipment Standard for Power Factor Improvement Capacitor	2010	IPS	16
271	E-GN-000	General Index to Standards and Standard Drawings	2010	IPS	89
272	C-IN-190	Installation and Construction Standard for Transmission Systems	2010	IPS	51
273	E-IN-120	Engineering Standard for Temperature Instruments	2010	IPS	64
274	E-IN-190	Engineering Standard for Transmission Systems	2010	IPS	45
275	G-IN-210	General Standard for Instrument Protection	2010	IPS	45
276	G-IN-220	Engineering and Installation Standard for Control Centers	2010	IPS	46
277	G-IN-270	General Standard for Instruments of Fire and Gas Detection Equipment	2010	IPS	30
278	M-IN-110	Material and Equipment Standard for Pressure Instruments	2010	IPS	29
279	M-IN-120	Material and Equipment Standard for Temperature Instruments	2010	IPS	41
280	M-IN-190	Material and Equipment Standard for Transmission Systems	2010	IPS	32
281	M-IN-220	Material and Equipment Standard for Control Panels and System Cabinets	2010	IPS	48
282	G-ME-150	General Standard for Towers, Reactors, Pressure Vessels and Internals	2010	IPS	98
283	G-ME-210	General Standard for Flare Details for General Refinery and Petrochemical Service	2010	IPS	14
284	G-ME-220	General Standard for Shell & Tube Heat Exchangers	2010	IPS	46
285	C-PI-370	Construction Standard for Transportation Pipelines (Onshore) Pressure Testing	2010	IPS	49
286	G-PI-230	General Standard for Strainers & Filters	2010	IPS	31
287	E-PM-400	Engineering Standard for Vendor's Data Requirements	2010	IPS	13
288	G-PM-200	General Standard for Reciprocating Compressors for Petroleum, Chemical and Gas Industry Services	2010	IPS	29
289	G-PM-250	General Standard for Petroleum, Petrochemical and Natural Gas Industries-Steam Turbines-Special-Purpose Applications	2010	IPS	24
290	E-PR-725	Engineering Standard for Process Design of Plant Waste Water Sewer Systems	2010	IPS	88
291	E-PR-730	Engineering Standard for Process Design Plant Waste Water Treatment & Recovery Systems	2010	IPS	172
292	E-PR-735	Engineering Standard for Process Design of Plant Solid Waste Treatment & Disposal Systems	2010	IPS	57
293	E-PR-750	Engineering Standard for Process Design of Compressors	2010	IPS	60
294	E-PR-880	Engineering Standard for Process Design of Gas (Vapor) - Liquid Separators	2010	IPS	53
295	E-PR-850	Engineering Standard for Process Requirements of Vessels, Reactors & Separators	2009	IPS	69
296	C-SF-242	Construction Standard for Delivery, Testing, Inspection, Quality Control, Commissioning and Maintenance of Fire Fighting Pumps	2009	IPS	16
297	E-PR-771	Engineering Standard for Process Requirements of Heat Exchanging Equipment	2009	IPS	65
298	E-PR-360	Engineering Standard for Process Design of Liquid & Gas Transfer & Storage	2009	IPS	70
299	E-PR-370	Engineering Standard for Process Design of Loading & Unloading Facilities for Road Tankers	2009	IPS	49
300	E-PR-450	Engineering Standard for Process Design of Pressure Relieving Systems Inclusive Safety Relief Valves	2009	IPS	61
301	E-PR-460	Engineering Standard for Process Design of Flare & Blow down Systems	2009	IPS	53
302	E-PR-470	Engineering Standard for Process Design of Emergency Measures	2009	IPS	16
303	G-SF-100	Engineering and Equipment Standard for Fire Fighting Trucks and Pumps	2009	IPS	101
304	G-SF-126	General Standard for Hand & Wheel Type Fire Extinguishers	2009	IPS	89
305	G-SF-240	General Standard for Fire Fighting Pump Systems & Trailers	2009	IPS	38
306	G-SF-340	General Standard for Ancillary and Miscellaneous Safety and Fire Equipment	2009	IPS	51
307	G-SF-460	General Standard for First Aids & Sanitation	2009	IPS	102
308	G-SF-503	General Standard for Delivery-Commissioning, Preventive Maintenance of Fire Fighting Trucks	2009	IPS	25

309	G-SF-355	General Standard for Safety Portable Ladders	2009	IPS	85
310	G-PM-260	General Standard for Gas Turbines for Petroleum, Chemical and Gas Industry Services	2009	IPS	33
311	M-PM-125	Material and Equipment Standard for Centrifugal Fire Water Pumps	2009	IPS	29
312	M-PM-170	Material and Equipment Standard for Axial and Centrifugal Compressors and Expander-Compressors for Petroleum, Chemical and Gas Industry Services	2009	IPS	34
313	E-PR-190	Engineering Standard for Layout & Spacing	2009	IPS	72
314	E-PR-230	Engineering Standard for Piping & Instrumentation Diagrams (P & IDs)	2009	IPS	153
315	G-PM-105	General Standard for Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries	2009	IPS	22
316	E-PI-240	Engineering Standard for Plant Piping Systems	2009	IPS	99
317	C-PM-216	Construction Standard for Process Machinery Installation and Installation Design	2009	IPS	54
318	E-PM-100	Engineering Standard for General Design Requirements of Process Machineries	2009	IPS	25
319	E-PM-110	Engineering Standard for Technical Evaluation of Machineries	2009	IPS	38
320	E-PM-385	Engineering Standard for Process Machinery Piping	2009	IPS	21
321	G-PI-280	General Standard for Pipe Supports	2009	IPS	19
322	C-PI-270	Construction Standard for Welding of Transportation Pipeline	2009	IPS	46
323	C-PI-290	Construction Standard for Welding of Plant Piping Systems	2009	IPS	31
324	C-PI-350	Construction Standard for Plant Piping Systems Pressure Testing	2009	IPS	18
325	C-PI-410	Construction Standard for Inside Pipe Chemical Cleaning	2009	IPS	25
326	E-PI-140	Engineering Standard for Onshore Transportation Pipelines	2009	IPS	46
327	C-PI-140	Construction Standard for Transportation Pipelines (Onshore)	2009	IPS	86
328	G-ME-230	General Standard for Double Pipe Heat Exchangers	2009	IPS	18
329	G-ME-250	General Standard for Pressure and Vacuum Relief Devices	2009	IPS	31
330	G-ME-160	General Standard for Water Cooling Towers	2009	IPS	66
331	G-ME-170	General Standard for Firetube Package Boilers	2009	IPS	31
332	G-ME-180	General Standard for Water Tube Boilers	2009	IPS	74
333	E-IN-110	Engineering Standard for Pressure Instruments	2009	IPS	24
334	C-IN-120	Construction and Installation Standard for Temperature Instruments	2009	IPS	27
335	I-GN-335	Periodical inspection & Testing of Elevators	2009	IPS	152
336	M-GN-210	Material and Equipment Standard for Conveyors	2009	IPS	109
337	M-GN-150	Material Standard for Steel Wire Ropes for General Services	2009	IPS	37
338	M-GN-360	Material and Equipment Standard for General Use Hoses	2009	IPS	68
339	M-GN-365	Material and Equipment Standard for Mobile Air Compressors	2009	IPS	42
340	M-GN-375	Material and Equipment Standard for Arc Welding Equipment and Accessories	2009	IPS	49
341	M-GN-450	Material and Equipment Standard for Abrasive Air Blasting Machine	2009	IPS	16
342	G-GN-180	General Standard for Gas Cylinders	2009	IPS	30
343	M-EL-190	Material Standard for Electrical Heat Tracing	2009	IPS	15
344	M-EL-152	Material and Equipment Standard for Oil Immersed Power Transformers	2009	IPS	28
345	M-EL-155	Material and Equipment Standard for Transformer Rectifiers for Cathodic Protection	2009	IPS	23
346	M-EL-176	Material and Equipment Standard for Uninterruptible Power Supply System (UPS)	2009	IPS	28
347	I-EL-215	Inspection Standard for Potentially Explosive Atmospheres (Hazardous Area)	2009	IPS	11
348	M-EL-131	Material and Equipment Standard for Low Voltage Induction Motors	2009	IPS	28
349	M-EL-132	Material and Equipment Standard for Medium and High Voltage Induction Motors	2009	IPS	30

350	M-EL-143	Material and Equipment Standard for Low Voltage Switchgear and Controlgear	2009	IPS	36
351	C-EL-115	Construction Standard for Electrical Installation	2009	IPS	19
352	C-CE-132	Construction Standard for Foundations, Piles and Retaining Walls	2009	IPS	17
353	C-CE-200	Construction Standard for Concrete Structures	2009	IPS	55
354	C-CE-210	Construction Standard for Steel Structures	2009	IPS	25
355	M-AR-105	Material and Equipment Standard for Boilers & Burners	2009	IPS	40
356	M-AR-125	Material and Equipment Standard for Packaged Air Conditioners	2009	IPS	31
357	E-AR-100	Engineering Standard for Building Heating System	2009	IPS	42
358	E-AR-120	Engineering Standard for Building Air Conditioning Systems	2009	IPS	87
359	E-CE-120	Engineering Standard for Foundations	2009	IPS	47
360	E-CE-130	Engineering Standard for Piles	2009	IPS	40
361	E-CE-140	Engineering Standard for Retaining Walls & Slope Protection	2009	IPS	45
362	E-CE-210	Engineering Standard for Steel Structures	2009	IPS	16
363	E-CE-500	Engineering Standard for Loads	2009	IPS	108
364	E-TP-700	Engineering Standards for Thermal Insulations	2009	IPS	151
365	C-TP-274	Construction Standard for Protective Coating	2009	IPS	75
366	E-TP-100	Engineering Standards for Paints	2009	IPS	114
367	E-TP-270	Engineering Standards for Protective Coatings for Buried and Submerged Steel Structures	2009	IPS	72
368	M-SF-105	Material and Equipment Standard for Valves, Reels, Hoses, Nozzles and Monitors for Fire Fighting	2009	IPS	120
369	M-SF-325	Material and Equipment Standard for Personnel Safety and Fire Fighters Protective Equipment	2009	IPS	242
370	C-AR-110	Construction Standard for Installation, Testing, Adjusting and Commissioning of HVAC&R Systems	2009	IPS	45
371	M-SF-142	Material and Equipment Standard for FLC-Foam Proportioners Generators and Twin Agents	2008	IPS	62
372	M-CE-105	Material Standard for Building Materials	2008	IPS	132
373	E-CE-200	Engineering Standard for Concrete Structures	2008	IPS	69
374	M-EL-174	Material and Equipment Standard for Battery and Battery Charger (DC Power supply)	2008	IPS	17
375	M-GN-170	Material Standard for Laboratory Glassware & Related Apparatus	2008	IPS	82
376	M-GN-130	Material and Equipment Standard for Metric Type Fasteners (Screws , Bolts, Studs , Nuts, and Washers)	2008	IPS	105
377	M-GN-350	Material and Equipment Standard for Overhead and Gantry Cranes (Overhead Traveling and Portal Bridge Cranes)	2008	IPS	26
378	C-IN-110	Construction Standard for Pressure Instruments	2008	IPS	9
379	C-PI-240	Construction Standard for Plant Piping Systems	2008	IPS	24
380	E-SF-220	Engineering Standard for Fire Water Distribution and Storage Facilities	2007	IPS	31
381	E-SF-860	Engineering Standard for Air Pollution Control	2007	IPS	108
382	E-PR-905	Engineering Standard for Process Design of Dryers	2007	IPS	42
383	M-IN-280	Material Standard for Miscellaneous Items	2007	IPS	42
384	M-IN-150	Material and Equipment Standard for Receiving Instruments	2007	IPS	25
385	M-EL-161	Material and Equipment Standard for General Electrical Items	2007	IPS	14
386	M-AR-255	Material Standard for Thermoplastics Pippings for Hot and Cold Water in Buirdlings	2007	IPS	10
387	G-TP-335	Material and Construction Standard for Three Layer Polyethylene Coating System	2007	IPS	43
388	M-TP-115	Material and Equipment Standard for Red Lead, Iron Oxide, Raw Linseed Oil and Alkyd Primer	2006	IPS	8
389	M-TP-120	Material and Equipment Standard for Red Lead, Iron Oxide and Alkyd Intermediate Paint	2006	IPS	8

390	I-TP-820	Inspection Standard for Monitoring Cathodic Protection Systems	2006	IPS	120
391	M-TP-105	Material and Equipment Standard for Asphalt Mastic (Cold Applied)	2006	IPS	9
392	M-TP-750	Material and Equipment Standard for Cathodic Protection	2006	IPS	182
393	C-CE-342	Construction Standard for Water Supply & Sewerage Systems	2006	IPS	34
394	C-CE-355	Standard for Demolition	2006	IPS	17
395	E-CE-160	Engineering Standard for Geometric Design of Roads an Streets	2006	IPS	11
396	E-CE-380	Engineering Standard for Sewerage and Surface Water Drainage System	2006	IPS	56
397	E-CE-390	Engineering Standard for Rain & Foul Water Drainage of Buildings	2006	IPS	49
398	E-CE-340	Engineering Standard for Water Resources and Distribution Systems	2006	IPS	0
399	M-AR-235	Material and Equipment Standard for Insulation of HVAC&R Field	2006	IPS	29
400	M-AR-205	Material and Equipment Standard for Fans, Filters & Air Distribution Units & Systems	2006	IPS	45
401	G-IN-260	Engineering and Installation Standard for Indicating Lights, Alarms & Protective Systems	2006	IPS	23
402	G-IN-300	Tank Gauging Devices for Petroleum and Petroleum Product	2006	IPS	24
403	M-IN-260	Material and Equipment Standard for Alarms and Protective Systems	2006	IPS	16
404	E-PR-895	Engineering Standard for Process Design of Solid-Liquid Separators	2006	IPS	30
405	E-PR-491	Engineering Standard for Process Requirements of Crude Distillation and Hydrogen Production Units	2006	IPS	40
406	E-PR-492	Engineering Standard for Process Requirements of Caustic and Chemical Systems	2006	IPS	28
407	E-SF-140	Engineering Standard for Foam Generating and Proportioning Systems	2006	IPS	46
408	E-SF-160	Engineering Standard for CO2 Gas Fire Extinguishing Systems	2006	IPS	36
409	E-SF-180	Engineering Standard for Dry Chemical Fire Extinguishing System	2006	IPS	38
410	E-PI-200	Engineering Standard for Flexibility Analysis	2006	IPS	11
411	E-PI-221	Engineering Standard for Piping Material Selection (on Plot Piping)	2006	IPS	424
412	M-PI-150	Material Standard for Flanges & Fittings	2006	IPS	29
413	E-PR-260	Engineering Standard for Detailed Design, Engineering & Procurement	2006	IPS	57
414	E-PR-310	Engineering Standard for Process Design of Water Systems	2006	IPS	59
415	M-PM-211	Material and Equipment Standard for Reciprocating Compressors for Instrument Air Services	2006	IPS	15
416	M-PM-115	Material and Equipment Standard for Centrifugal Pumps for General Services	2006	IPS	12
417	M-PM-290	Material and Equipment Standard for Reciprocating Internal Combustion Engines	2005	IPS	25
418	G-ME-253	General Requirements for Industrial Incinerators	2005	IPS	14
419	E-SF-100	Engineering Standard for Classification of Fires and Fire Hazard Properties	2005	IPS	23
420	E-SF-880	Engineering Standard for Water Pollution Control	2005	IPS	30
421	G-SF-870	General Standard for Soil Pollution Control	2005	IPS	60
422	G-SF-880	General Standard for Water Pollution Control	2005	IPS	32
423	G-SF-900	General Standard for Noise Control and Vibration	2005	IPS	29
424	E-PR-551	Engineering Standard for Process Design of Gas Treating Units	2005	IPS	26
425	E-PR-810	Engineering Standard for Process Design of Furnaces	2005	IPS	40
426	E-PR-830	Engineering Standard for Process Design of Valves & Control Valves	2005	IPS	31
427	G-ME-110	General Standard for Large Welded Low Pressure Storage Tanks	2005	IPS	42
428	I-IN-100	Inspection Standard for General Instrument systems	2005	IPS	22
429	I-IN-115	Periodical Inspection for Instrumentation	2005	IPS	35

430	E-IN-180	Engineering Standard for Instruments Electrical Power Supply & Distribution Systems	2005	IPS	14
431	E-IN-240	Engineering Standard for Measurement of Liquid Hydrocarbons (Custody Transfer)	2005	IPS	53
432	C-IN-100	Construction and Installation Standard for General Instruments Field Inspection, Calibration & Testing of Instrument and Instrument System	2005	IPS	32
433	C-IN-240	Construction Standard for Measurement of Liquid Hydrocarbons Custody Transfer	2005	IPS	25
434	E-IN-100	Engineering Standard for General Instrumentation	2005	IPS	83
435	M-GN-160	Material and Equipment Standard for Hooks, Shackles, Eyes Bolts and chains	2005	IPS	14
436	M-AR-245	Material and Equipment Standard for Room Air Conditioners (Window and Thru-the-Wall Type)	2005	IPS	17
437	C-CE-260	Construction Standard for Fireproofing	2005	IPS	12
438	E-AR-130	Engineering Standard for Humidification & Dehumidification System	2005	IPS	31
439	M-AR-130	Material and Equipment Standard for Humidification & Dehumidification Unit & System	2005	IPS	25
440	E-CE-260	Engineering Standard for Fireproofing	2005	IPS	22
441	M-EL-151	Material and Equipment Standard for Dry Type Power Transformers	2005	IPS	11
442	C-TP-820	Construction Standard for Cathodic Protection	2005	IPS	98
443	E-TP-760	Engineering Standard for Corrosion Consideration in Design	2005	IPS	228
444	G-SF-202	General Standard for Mains Water, Sprinklers, DCP, CO2 & Foam Systems	2004	IPS	48
445	M-TP-675	Material and Equipment Standard for Inhibiting Package for Cooling Water Systems	2004	IPS	10
446	M-EL-144	Material and Equipment Standard for Medium and High Voltage Switchgear and Controlgear	2004	IPS	21
447	G-CE-480	Engineering and Construction Standard for Offshore Installations	2004	IPS	23
448	G-GN-370	General Standard for Electric and Hydraulic Elevators	2004	IPS	57
449	E-CE-110	Engineering Standard for Soil Engineering	2004	IPS	27
450	C-CE-112	Construction Standard for Earthworks	2004	IPS	32
451	E-AR-160	Engineering Standard for Venting, Ventilation and Pressurizing System	2004	IPS	67
452	E-AR-180	Engineering Standard for Cold Stores and Ice Plants	2004	IPS	67
453	M-AR-215	Material and Equipment Standard for Pipes, Valves and Fittings	2004	IPS	20
454	M-GN-140	Material and Equipment Standard for Bearings	2004	IPS	23
455	G-ME-100	General Standard for Atmospheric Above Ground Welded Steel Storage Tanks	2004	IPS	40
456	M-IN-250	Material and Equipment Standard for Distributed Control System (DCS)	2004	IPS	41
457	E-PR-800	Engineering Standard for Process Design of Steam Boilers	2004	IPS	39
458	E-PR-380	Engineering Standard for Process Design of Solids Handling Systems	2004	IPS	21
459	E-PR-400	Engineering Standard for Process Design of Cooling Water Circuits	2004	IPS	23
460	G-SF-540	General Standard for Safety & Fire Training Centers Fire Station Facilities	2004	IPS	21
461	G-SF-130	General Standard for Disposal of Solid Waste	2004	IPS	34
462	C-SF-507	Standard for Training Facilities & Fire Fighters Qualifications	2004	IPS	12
463	M-PI-190	Material and Equipment Standard for Line Pipe	2004	IPS	46
464	G-PM-120	General Standard for Accessibility & Safety of Machineries	2004	IPS	18
465	E-PR-280	Engineering Standard for Start-Up Sequence & General Commissioning Procedures	2004	IPS	25
466	I-PM-305	Standard for Periodical Inspection of Machineries	2004	IPS	21
467	M-PM-150	Material and Equipment Standard for Positive Displacement Pumps Controlled Volume	2003	IPS	6
468	E-PR-250	Engineering Standard for Performance Guarantee	2003	IPS	30

469	E-PR-300	Engineering Standard for Plant Technical & Equipment Manuals (Engineering Dossiers)	2003	IPS	17
470	E-PR-308	Engineering Standard for Numbering System	2003	IPS	41
471	M-PM-300	Material and Equipment Standard for Special Purpose Gear Units	2003	IPS	7
472	M-PM-310	Material and Equipment Standard for Special Purpose Couplings	2003	IPS	6
473	M-PM-330	Material and Equipment Standard for Mixers	2003	IPS	22
474	E-PR-150	Engineering Standard for Basic Design Package & Recommended Practice for Feasibility Studies	2003	IPS	104
475	M-PI-110	Material and Equipment Standard for Valves	2003	IPS	51
476	G-ME-245	Engineering and Material Standard for Air Cooled Heat Exchangers	2003	IPS	31
477	E-SF-400	Engineering Standard for Industrial Stairs, Ladders, Platforms, and Scaffolds	2003	IPS	96
478	G-SF-110	General Standard for Protection Against Radioactive Sealed Sources	2003	IPS	81
479	G-SF-345	General Standard for Safety Belts	2003	IPS	27
480	G-SF-860	General Standard for Air Pollution Control	2003	IPS	39
481	G-SF-440	General Standard for Fire Protection in General & Explosive Stores	2003	IPS	47
482	E-PR-410	Engineering Standard for Process Design of Hot Oil & Tempered Water Circuits	2003	IPS	16
483	E-PR-440	Engineering Standard for Process Design of Piping Systems (Process Piping & Pipeline Sizing)	2003	IPS	43
484	E-PR-845	Engineering Standard for Process Design of Steam Traps	2003	IPS	19
485	C-SF-505	Standard for Installation, Inspection & Testing of Fire Fighting Fixed Systems	2003	IPS	21
486	G-ME-200	Engineering and Material Standard for Fired Heaters	2003	IPS	22
487	G-IN-200	General Standard for Instruments air system	2003	IPS	58
488	M-IN-160	Material Standard for Control Valves	2003	IPS	7
489	M-GN-240	Material Standard for Workshop and Wall Supported Jib Cranes and Chain Hoists	2003	IPS	8
490	M-GN-470	Material and Equipment Standard for Water Blasting Equipment	2003	IPS	20
491	C-IN-160	Construction and Installation Standard for Control Valves	2003	IPS	24
492	E-IN-160	Engineering Standard for Control Valves	2003	IPS	95
493	M-AR-185	Material and Equipment Standard for Field Erected Refrigeration System and Ice Plant	2003	IPS	47
494	E-CE-360	Engineering Standard for Building Piping (Hot and Cold)	2003	IPS	24
495	E-CE-400	Engineering Standard for Sanitary Sewage Treatment	2003	IPS	19
496	G-GN-210	General Standard for Packing and Packages	2003	IPS	21
497	M-EL-271	Material Standard for Low Voltage Cables & Wires	2003	IPS	10
498	M-EL-272	Material Standard for Medium and High Voltage Power Cables	2003	IPS	7
499	M-EL-273	Material Standard for SubMarine Power Cables with Inherent Optical Fibers	2003	IPS	10
500	G-CE-250	Engineering, Construction and Material Standard for Chimneys an Stacks	2003	IPS	19
501	M-TP-710	Material and Equipment Standard for Thermal Insulation	2003	IPS	92
502	M-TP-317	Material Standard for Hand-Applied Petrolatum Tape and Primer	2003	IPS	18
503	M-TP-318	Material Standard for Heat-Shrinkable Cross-Linked Polyethylene Coatings (Two Layers)	2003	IPS	8
504	M-TP-240	Material and Equipment Standard for Two Pack Aliphatic Polyurethane Paint as Top Coat (Camouflage Colors)	2003	IPS	11
505	M-CE-105	Material Standard For Building Materials Part One	2003	IPS	119
506	M-PI-110	Material and Equipment Standard for Valves	2003	IPS	0
507	M-SF-455	Material and Equipment Standard for Fire Blanket-Fire Fighters Suits (Fire-Proof Types) Fire-Resisting Curtain & Shields	2002	IPS	20
508	M-SF-504	Material and Equipment Standard for Fire-Fighting Vessels	2002	IPS	13
509	G-CE-270	Engineering, Construction and Material Standard for Fencing & Gates	2002	IPS	5

510	G-CE-170	Engineering and Construction Standard for Culvert Bridges and Related Structures	2002	IPS	7
511	G-IN-250	Engineering and Construction Standard for Distributed Control System (DCS)	2002	IPS	30
512	G-IN-290	Engineering and Construction Standard for Programmable Logic Controllers (PLC)	2002	IPS	22
513	E-PR-500	Engineering Standard for Process Design of LPG Recovery & Splitter Units	2002	IPS	12
514	M-PM-240	Material and Equipment Standard for General Purpose Steam Turbines	2002	IPS	10
515	E-PR-340	Engineering Standard for Process Design of Fuel Systems	2002	IPS	18
516	G-SF-310	General Standard for Gas Detectors	2002	IPS	26
517	M-ME-206	Material and Equipment Standard for Reformer Furnaces Including Tube and Outlet Manifolds	2002	IPS	29
518	M-PI-130	Material and Equipment Standard for Pig Launching and Receiving Traps	2002	IPS	18
519	E-PR-200	Engineering Standard for Basic Engineering Design Data	2002	IPS	41
520	M-PM-320	Material and Equipment Standard for Lubrication, Shaft Sealing and Control Oil Systems and Auxiliaries for Process Services	2002	IPS	13
521	M-PM-160	Material and Equipment Standard for Positive Displacement, Oil Sealed-Rotary Vacuum Pumps	2002	IPS	21
522	M-PM-180	Material and Equipment Standard for Package Integrally Geared Centrifugal Compressors for Utility and Instruments	2002	IPS	10
523	M-PM-220	Material and Equipment Standard for Positive Displacement Compressors Rotary	2002	IPS	12
524	M-PM-230	Material and Equipment Standard for Special Purpose Centrifugal Fans	2002	IPS	17
525	M-PM-140	Material and Equipment Standard for Positive Displacement Pumps-Rotary	2002	IPS	8
526	M-PM-130	Material and Equipment Standard for Positive Displacement Pumps Reciprocating	2002	IPS	11
527	E-PR-290	Engineering Standard for Plant Operating Manuals	2001	IPS	23
528	E-PR-420	Engineering Standard for Process Design of Heat Tracing & Winterizing	2001	IPS	27
529	E-PR-785	Engineering Standard for Process Design of Air Cooled Heat Exchangers (Air Coolers)	2001	IPS	17
530	E-PR-790	Engineering Standard for Process Design of Cooling Towers	2001	IPS	30
531	M-CE-345	Material Standard for Water Supply & Sewerage Equipment	2001	IPS	13
532	M-TP-168	Material Standard for Acrylic Silicone Finish Paint for Temperature Applications Up to 230°C	2001	IPS	7
533	M-TP-676	Material and Equipment Standard for Inhibitor for Hydrochloric Acid and HCl + HF as Descaling and Pickling Solution for Oil and Gas Wells	2001	IPS	6
534	M-TP-323	Material Standard for Primer for Use with Hand-Applied Laminated Tape Suitable for Hot-Applied Tape Coating Systems	2000	IPS	9
535	M-TP-672	Material and Equipment Standard for Inhibitor, Anti-Icing for Use in Jet Turbine Fuels	2000	IPS	6
536	M-TP-673	Material Standard for Inhibitor for Hydrochloric Acid as Descaling and Pickling Solution	2000	IPS	6
537	M-TP-321	Material Standard for Primers (Ditch and Yard) for Use with Cold-Applied Laminated Plastic Tape (IPS-M-TP-310) for Tape Coating System of Buried Steel Pipes	2000	IPS	11
538	M-TP-315	Material Standard for Perforated Plastic Tape (as Rockshield) for Pipe Coating	2000	IPS	7
539	M-TP-316	Material Standard for Plastic Grid (as Rockshield) for Pipe Coating	2000	IPS	7
540	M-TP-250	Material and Equipment Standard for Amine-Cured Epoxy Resin as Primer, Intermediate, and Top Coat for Atmospheric Environment	2000	IPS	6
541	M-TP-275	Material and Equipment Standard for Fast Drying Synthetic Primer for Use with Hot Applied Coal Tar or Bitumen (Asphalt) Enamels	2000	IPS	8
542	M-TP-185	Material and Equipment Standard for Vinyl Red Lead Primer	2000	IPS	9
543	M-TP-202	Material and Equipment Standard for Tow Pack Amine-Adduct Cured Epoxy Paint as Primer, Intermediate and Top Coat	2000	IPS	6
544	G-CE-182	Engineering and Construction Standard for Road Surfacing & Pavements	2000	IPS	16
545	E-PR-775	Engineering Standard for Process Design of Double Pipe Heat Exchangers	2000	IPS	7

546	E-PR-700	Engineering Standard for Process Design of Crude Oil Electrostatic Desalters	2000	IPS	12
547	G-SF-140	General Standard for Masks & Breathing Apparatus	2000	IPS	73
548	E-SF-504	Engineering Standard for Fire Fighting Vessels	2000	IPS	31
549	E-SF-520	Engineering Standard for Fire Stations	2000	IPS	10
550	E-SF-300	Engineering Standard for Application of Breathing Apparatus in Safety and Fire Fighting	2000	IPS	41
551	C-SF-550	Application Standard for Safety Boundary Limit	2000	IPS	13
552	E-SF-200	Engineering Standard for Fire Fighting Sprinkler Systems	2000	IPS	66
553	E-PR-170	Engineering Standard for Process Flow Diagram	2000	IPS	29
554	M-PI-170	Material and Equipment Standard for Pigs	2000	IPS	9
555	M-ME-256	Material and Equipment Standard for Steam Jet Ejectors	1999	IPS	16
556	M-ME-120	Material and Equipment Standard for Aviation Turbine Fuel Storage Tanks	1999	IPS	18
557	M-PM-135	Material and Equipment Standard for Light Duty Centrifugal Pumps	1999	IPS	13
558	G-CE-470	Engineering and Construction Standard for Onshore Facilities	1999	IPS	34
559	C-ME-120	Construction Standard for Aviation Turbine Fuel Storage Tanks	1999	IPS	7
560	C-ME-130	Construction Standard for Pressure Storage (for LPG) Spheres	1999	IPS	10
561	E-ME-120	Engineering Standard for Aviation Turbine Fuel Storage Tanks	1999	IPS	10
562	E-ME-130	Engineering Standard for Pressure Storage Spheres (for LPG)	1999	IPS	21
563	E-IN-140	Engineering Standard for Level Instruments	1999	IPS	34
564	C-IN-140	Construction and Installation Standard for Level Instruments	1999	IPS	35
565	M-TP-205	Material and Equipment Standard for Zinc Rich Epoxy Paint (Organic Zinc-Rich) as Primer, Intermediate and Top Coat (Finish)	1999	IPS	8
566	M-TP-215	Material and Equipment Standard for Epoxy Polyamide Primer	1999	IPS	9
567	M-TP-190	Material and Equipment Standard for Coal Tar Epoxy Polyamide Paint as Primer, Intermediate and Top Coat (Finish)	1999	IPS	11
568	M-TP-200	Material and Equipment Standard for Vinyl Paint (White or Colored) as Primer, Intermediate and Top Coat (Finish)	1999	IPS	8
569	M-TP-160	Material and Equipment Standard for Alkyd Paint (High Build Thixotropic Leafing Aluminum) as Top Coat Finish	1999	IPS	9
570	M-TP-280	Material and Equipment Standard for Coal Tar Primer (Cold Applied) for Use with Hot Applied Coal Tar Enamel (IPS-M-TP-290)	1999	IPS	8
571	M-TP-285	Material and Equipment Standard for Bitumen Primer (Cold Applied) for Use with Hot Applied Bitumen Enamel (IPS-M-TP-295)	1999	IPS	9
572	M-TP-290	Material and Equipment Standard for Coal Tar Enamel (Hot Applied)	1999	IPS	7
573	M-TP-295	Material Standard for Bitumen Enamel (Hot Applied)	1999	IPS	9
574	M-TP-300	Material and Equipment Standard for Glass Fiber Mat for Inner Wrap	1999	IPS	8
575	M-TP-305	Material and Equipment Standard for Coal Tar Impregnated Glass Fiber Mat for Outer Wrap	1999	IPS	7
576	M-TP-306	Material and Equipment Standard for Bitumen Impregnate Glass Fiber Mat for Outer wrap	1999	IPS	8
577	M-TP-310	Material Standard for Cold Applied Laminated Plastic Tape as Inner Layer Tape for Tape Coating System of Buried Steel Pipes	1999	IPS	8
578	M-TP-311	Material Standard for Cold Applied Laminated Plastic Tape as Outer Layer Tape for Tape Coating System of Buried Steel Pipes	1999	IPS	7
579	M-TP-313	Material Standard for Hand-Applied Laminated Tape Suitable for Cold-Applied Tape Coating System	1999	IPS	7
580	M-TP-314	Material Standard for Hand Applied Laminated Tape (Suitable for Hot Applied Coating Systems)	1999	IPS	7
581	M-TP-230	Material and Equipment Standard for Coal Tar Mastic (Cold Applied)	1999	IPS	7
582	M-TP-235	Material and Equipment Standard for Two Pack Aliphatic Polyurethane Paint as Top Coat (Finish)	1999	IPS	10
583	M-TP-322	Material Standard for Primer for Use with Hand-Applied Laminated Tape Suitable for Cold-Applied Tape Coating System	1999	IPS	9

584	M-TP-145	Material and Equipment Standard for Chlorinated Rubber Inhibitive Primer	1999	IPS	10
585	M-TP-150	Material and Equipment Standard for Alkyd Paint (Aluminum) Leafing as Top Coat (Finish)	1998	IPS	8
586	M-TP-155	Material and Equipment Standard for Alkyd Paint (Aluminum) Non - Leafing as Intermediate	1998	IPS	8
587	M-TP-110	Material and Equipment Standard for Vinyl Paint (Aluminum) as Intermediate and Top Coat (Finish)	1998	IPS	8
588	M-TP-170	Material and Equipment Standard for Vinyl Paint (Black) as Intermediate and Top Coat (Finish)	1998	IPS	7
589	M-TP-175	Material and Equipment Standard for Silicone Alkyd Paint (White or Colored) as Top Coat (Finish)	1998	IPS	10
590	M-TP-180	Material and Equipment Standard for Wash Primer (Basic Zinc Chromate Vinyl Butyral)	1998	IPS	11
591	M-TP-125	Material and Equipment Standard for White Alkyd Paint for Top Coat (Finish)	1998	IPS	8
592	M-TP-130	Material and Equipment Standard for Colored Alkyd Paint for Top Coat (Finish) Except White	1998	IPS	8
593	M-TP-135	Material and Equipment Standard for Chlorinated Rubber Paint for Top Coat (Finish)	1998	IPS	9
594	M-TP-140	Material and Equipment Standard for Chlorinated Rubber Paint for Intermediate Coat	1998	IPS	8
595	I-TP-802	Inspection Standard for Corrosion Survey & Inhibitor Evaluation	1998	IPS	62
596	M-TP-165	Material and Equipment Standard for Alkyd Paint (Black) as Intermediate and Top Coat (Finish)	1998	IPS	7
597	M-TP-220	Material and Equipment Standard for Epoxy Polyamide Paint as Intermediate Paint	1998	IPS	8
598	M-TP-225	Material and Equipment Standard for Epoxy Polyamide Paint as Top Coat (Finish)	1998	IPS	9
599	M-TP-210	Material and Equipment Standard for Zinc Silicate (Inorganic Zinc-Rich) Paint as Primer, Intermediate and Top Coat	1998	IPS	8
600	M-IN-140	Material and Quality Control Standard for Level Instruments	1998	IPS	23
601	E-PR-330	Engineering Standard for Process Design of Compressed Air Systems	1998	IPS	27
602	E-SF-120	Engineering Standard for Offshore Installation Fire Fighting and Fire Protection	1998	IPS	18
603	E-SF-260	Engineering Standard for Automatic Detectors and Fire Alarm Systems	1998	IPS	15
604	E-PR-745	Engineering Standard for Process Design of Vacuum Equipment (Vacuum Pumps and Steam Jet Ejectors)	1998	IPS	30
605	E-PR-755	Engineering Standard for Process Design of Fans and Blowers	1998	IPS	24
606	M-IN-130	Material and Equipment Standard for Flow Instruments	1997	IPS	36
607	G-IN-230	General Standard for Analyzer	1997	IPS	150
608	E-IN-130	Engineering Standard for Flow Instruments	1997	IPS	63
609	E-IN-105	Engineering Standard for Instrument workshop, layouts, test and calibration tools	1997	IPS	41
610	C-IN-130	Construction and Installation Standard for Flow Instruments	1997	IPS	47
611	M-GN-340	Material and Equipment Standard for Mobile Cranes-Power Driven	1997	IPS	52
612	M-GN-260	Material and Equipment Standard for Pallets	1997	IPS	29
613	I-GN-350	Periodical inspection & Testing of Cranes	1997	IPS	19
614	M-GN-110	Material and Equipment Standard for Fork Lift Trucks	1997	IPS	13
615	E-EL-100	Engineering and Equipment Standard for Electrical System Design (Industrial & Non-Industrial)	1997	IPS	184
616	E-GN-120	Engineering Standard for Drafting	1997	IPS	39
617	E-PM-120	Engineering Standard For Accessibility And Safety Of Machinerics Original Edition	1997	IPS	16
618	C-AR-342	CONSTRUCTION STANDARD FOR WATER SUPPLY AND SEWERAGE SYSTEMS	1997	IPS	0
619	D-CE-401	Bund Walls Steps & Pipe Sleeve	1997	IPS	0
620	D-CE-411	Half-Buried 1000 M Reinforced Concrete Reservoir	1997	IPS	0
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625	D-CE-503	Branch Discharge Pipes to Ranges of Appliance	1997	IPS	0
626	D-EL-100	Reference Drawing Electrical Standard Drawing List Category 200	1997	IPS	0
627	D-EL-101	Reference Drawing Electrical Symbols, Abbreviations, Device No. & General Notes Category 100	1997	IPS	0
628	D-EL-200	Reference Drawing Power Installation Details, Index Sheet Category 200	1997	IPS	0
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634	D-EL-206	Reference Drawing Power Installation Details, Cable Termination for Motor Category 200	1997	IPS	0
635	D-EL-207	Reference Drawing Power Installation Details Cable Identification Number & Location Category 200	1997	IPS	0
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638	D-EL-210	Reference Drawing Power Installation Details (Cable Trenches) Category 200	1997	IPS	0
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646	D-EL-300	Reference Drawing Lighting Installation Detail (Index Sheet) Category 300	1997	IPS	0
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659	D-EL-315	Reference Drawing Flood Lighting Fixture (Mounted on Steel Beam) Category 300	1997	IPS	0
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661	D-EL-317	Reference Drawing Air Craft warning light (Mounted on Stack) Category 300	1997	IPS	0
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664	D-EL-320	Reference Drawing Junction Box Installation Category 300	1997	IPS	0
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668	D-EL-402	Reference Drawing Grounding Installation Details Branch Wire Connection Category 400	1997	IPS	0
669	D-EL-403	Reference Drawing Grounding Installation Details Motor (Horizontal) Category 400	1997	IPS	0
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809	M-PM-235	Material and Equipment Standard for General Purpose Centrifugal Fans	1994	IPS	14
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