

Changes shown by ↗

PRACTICE	Rev.	Date	Title	PRACTICE	Rev.	Date	Title
INDEX AND USE OF PRACTICES				3 PIPING (CONT)			
IP 0-0-0	3	3/98	Section Table of Contents	IP 3-10-3	1	3/98	Cement Lined Pipe and Fittings
IP 0-0-1	4	6/99	Explanation and Use of International Practices	IP 3-10-4	1	3/98	Plastic and Plastic-Lined Piping
↗ IP 0-0-2	7	6/00	Numerical Index	IP 3-11-1	1	3/98	Marine Cargo Transfer Hose
IP 0-0-4	1	3/98	Source Reference Addresses	IP 3-11-2	0	3/98	Marine Loading Arms
IP 0-0-5	1	6/97	Practice Feedback Form	IP 3-12-1	2	6/99	Valve Selection
1 DRAWING INFORMATION				↗ IP 3-12-8	2	6/00	Block Valve Packing Systems
IP 1-0-0	1	3/98	Section Table of Contents	↗ IP 3-12-9	2	6/00	General Requirements for Valves
IP 1-1-1	1	3/98	Drawings, Diagrams, and Line Lists	↗ IP 3-15-1	1	6/00	Pressure Relief Valves
IP 1-1-2	1	3/98	CAD Drawing Standards	↗ IP 3-16-1	2	6/00	Flanged Joints, Gaskets, and Bolting
2 NOISE				↗ IP 3-16-3	1	6/00	Heat/Weather Shields for Flanges and Flangeless Valves
IP 2-1-1	0	3/98	Plant Noise Design Criteria	IP 3-18-1	3	6/99	Piping Fabrication Shop or Field
3 PIPING				IP 3-19-1	1	3/98	Piping Erection, Testing, Flushing and Cleaning
IP 3-0-0	5	3/98	Section Table of Contents	4 STRUCTURES AND FOUNDATIONS			
IP 3-2-1	1	3/98	Sewer Systems	↗ IP 4-0-0	5	6/00	Section Table of Contents
IP 3-2-2	1	3/98	Foam Systems for Storage Tanks	IP 4-1-1	1	3/98	Concrete Design and Construction
IP 3-2-3	1	3/98	Firewater Systems	IP 4-1-2	1	3/98	Structural Steel Design
IP 3-2-4	1	6/97	Pressure Relieving Systems	IP 4-1-3	0	6/97	Design Loads for Structures
IP 3-2-7	0	6/97	Manual Sampling Systems	IP 4-1-4	0	6/97	Surge Vibration Design Loads
IP 3-3-2	1	3/98	Suction and Discharge Piping for Centrifugal Pumps	↗ IP 4-2-1	2	6/00	Auxiliary Structures for Operation and Maintenance
IP 3-3-3	0	6/97	Flushing and Drain Piping for Centrifugal and Rotary Gas Compressors	↗ IP 4-2-2	2	6/00	Pipe Supports
IP 3-3-5	0	3/98	Suction, Discharge, and Interstage Piping for Reciprocating Compressors	IP 4-3-1	2	6/99	Plant Buildings for Operation and Storage
IP 3-3-6	0	3/98	Closed Cooling Water Systems for Internal Combustion Engines and Reciprocating Compressors	IP 4-3-2	2	6/99	Blast Resistant Buildings
IP 3-3-7	0	6/97	Inlet and Exhaust Piping for Steam Turbines	↗ IP 4-3-3	2	6/00	Shelters for Process Analyzers
IP 3-3-8	1	3/98	Washing Systems for Steam Turbines	IP 4-3-4	2	6/99	Special Category 3 Blast Resistant Buildings
IP 3-3-10	0	6/97	Strainers for Mechanical Equipment	IP 4-4-1	0	6/97	Marine Piers and Mooring Facilities
IP 3-3-12	1	3/98	Oil Mist Lubrication Systems	↗ IP 4-4-2	0	6/00	Marine Shore-Based Gangway
IP 3-4-1	0	6/97	Piping for Fired Equipment	↗ IP 4-4-3	0	6/00	Marine Fender Systems
IP 3-5-1	1	3/98	Fill and Discharge Lines, and Auxiliary Piping for Storage Tanks and Vessels	IP 4-5-1	0	6/97	Steel Stacks
↗ IP 3-6-1	1	6/00	Piping for Instruments	IP 4-5-2	1	3/98	Reinforced Concrete Chimneys
IP 3-6-2	0	6/97	Piping at Control and Protective System Valve Stations	IP 4-6-1	0	3/98	Reinforced Concrete Foundations and Anchor Bolts
↗ IP 3-6-3	1	6/00	Utility Connections to Piping and Equipment	IP 4-6-2	1	3/98	Supporting Structures and Foundations for Heavy Machinery
IP 3-6-4	1	6/99	Vents and Drains, Flushing and Cleaning Connections	IP 4-7-1	2	6/99	Piles and Sheet Piling
↗ IP 3-7-1	2	6/00	Piping Layout, Supports, and Flexibility	IP 4-8-1	1	3/98	Tank Foundations
IP 3-8-1	2	6/99	Expansion Joints	IP 4-9-1	0	3/98	Site Preparation and Earthwork
IP 3-9-1	0	6/97	Winterizing and Protection Against Ambient Temperatures	IP 4-10-2	2	6/99	Grouting for Machinery
IP 3-10-1	2	6/99	Piping Selection and Design Criteria	↗ IP 4-14-1	2	6/00	Equipment Lifts
				5 PRESSURE VESSELS			
				IP 5-0-0	2	6/97	Section Table of Contents
				IP 5-1-1	2	6/99	Pressure Vessels

IP 0-0-2		Numerical Index	
Page 2 of 4			
Rev. 7	June 2000		

PRACTICE	Rev.	Date	Title	PRACTICE	Rev.	Date	Title
5 PRESSURE VESSELS (CONT)				10 MACHINERY (CONT)			
IP 5-1-2	1	3/98	Additional Requirements for Heavy Wall Pressure Vessels, Thickness Over 2 Inches	IP 10-1-3	1	6/97	Shaft Sealing Systems for Centrifugal and Rotary Shaft Pumps
IP 5-2-1	1	3/98	Internals for Towers, Drums and Fixed Bed Reactors	IP 10-2-1	2	6/00	Positive Displacement Pumps - Reciprocating
IP 5-3-1	1	3/98	Pressure Testing of Unfired Pressure Vessels	IP 10-2-2	3	6/00	Positive Displacement Pumps - Rotary
6 HEAT EXCHANGERS				IP 10-2-3	3	6/00	Positive Displacement Pumps - Controlled Volume
IP 6-0-0	3	6/00	Section Table of Contents	IP 10-3-1	1	3/98	Special Purpose Centrifugal Compressors
IP 6-1-1	1	3/98	TEMA Type Shell and Tube Heat Exchangers	IP 10-3-2	1	3/98	Packaged, Integrally Geared Centrifugal Air Compressors
IP 6-2-1	1	3/98	Double Pipe and Multiple Hairpin Heat Exchangers	IP 10-3-3	1	6/99	Rotary Screw Compressors
IP 6-3-1	1	3/98	Brazed Aluminum Heat Exchangers	IP 10-3-4	0	6/97	Axial Compressors for Air Service
IP 6-4-1	1	6/99	Air-Cooled Heat Exchangers	IP 10-4-1	1	3/98	Reciprocating Process Compressors
IP 6-5-1	0	6/00	Plate and Frame Heat Exchangers	IP 10-7-1	2	6/99	General Purpose Steam Turbines
7 FIRED HEATERS AND BOILERS				IP 10-7-2	0	6/97	Special Purpose Steam Turbines
IP 7-0-0	3	6/99	Section Table of Contents	IP 10-8-1	1	6/99	Combustion Gas Turbines
IP 7-1-1	1	3/98	Fired Heaters	IP 10-9-1	1	3/98	Mechanical Agitators
IP 7-2-1	1	3/98	Industrial Boilers	IP 10-10-1	1	3/98	Special Purpose Gear Units
IP 7-3-1	1	3/98	Sootblowers for Fired Equipment	IP 10-10-2	2	6/99	General Purpose Gear Units
IP 7-4-1	1	3/98	Burners for Fired Heaters	IP 10-11-1	0	6/97	Sizing of Drivers and Transmissions for Compressors, Fans, and Pumps
IP 7-5-1	1	3/98	Coils for Fired Heaters and Boilers	IP 10-12-1	2	6/00	Vibration, Axial-Position, and Bearing-Temperature Monitoring Systems for Compressors and Drivers
IP 7-8-1	1	3/98	Dampers and Guillotines for Fired Equipment	IP 10-13-1	1	6/00	Special Purpose Centrifugal Fans
IP 7-9-1	1	3/98	Expansion Joints for Fired Equipment	IP 10-13-2	1	6/00	General Purpose Centrifugal Fans
IP 7-10-1	0	6/99	Elevated Flare Tips	IP 10-14-1	1	6/00	Lube and Seal Oil Systems for Machinery
8 COOLING TOWERS				11 WATER TREATING UNITS			
IP 8-1-1	0	6/97	Cooling Towers	IP 11-0-0	4	3/98	Section Table of Contents
9 TANKAGE				Section 11 of the International Practices has been withdrawn but the information is retained in Exxon Engineering's Water and Wastewater Design Guide, TMEE 080. See IP 11-0-0 for a listing of the specific Design Guides available.			
IP 9-0-0	2	3/98	Section Table of Contents	12 SECTION WITHDRAWN DEC. 1992			
IP 9-1-1	0	3/98	Spacing and Dikes for Storage Vessels and Tanks	13 SECTION WITHDRAWN JUNE 1997			
IP 9-2-1	1	6/99	Additional Requirements for Pressure Storage Spheres	Refer to Exxon Design Guides 97PD32 and 97PD33 for subject material formerly covered by IP 13-2-1 (Belt Conveyors for Bulk Materials) and IP 13-3-1 (Screw Conveyors and Screw Feeders)			
IP 9-4-1	3	6/00	Atmospheric Storage Tanks	14 INSULATION AND FIREPROOFING			
IP 9-6-1	1	3/98	Refrigerated Storage Tanks	IP 14-0-0	1	3/98	Section Table of Contents
IP 9-7-1	1	3/98	Accessories for Atmospheric Storage Tanks	IP 14-1-1	1	6/99	External Insulation
IP 9-7-3	1	3/98	Vents for Fixed Roof Atmospheric Storage Tanks	IP 14-3-1	1	6/00	Fireproofing
IP 9-7-4	1	3/98	Internal Floating Roofs for Atmospheric Storage Tanks				
10 MACHINERY							
IP 10-0-0	5	3/98	Section Table of Contents				
IP 10-1-1	2	3/98	Centrifugal Pumps				