

Changes shown by ↗

PRACTICE	TITLE
GENERAL CRITERIA FOR STRUCTURAL DESIGN	
IP 4-1-1	Concrete Design and Construction
IP 4-1-2	Structural Steel Design
IP 4-1-3	Design Loads for Structures
IP 4-1-4	Surge Vibration Design Loads
DESIGN OF SPECIFIC STRUCTURES	
IP 4-2-1	Auxiliary Structures for Operation and Maintenance
IP 4-2-2	Pipe Supports
IP 4-3-1	Plant Buildings for Operation and Storage
IP 4-3-2	Blast Resistant Buildings
• IP 4-3-3	Shelters for Process Analyzers
IP 4-3-4	Special Category 3 Blast Resistant Buildings
IP 4-4-1	Marine Piers and Mooring Facilities
• IP 4-4-2	Marine Shore-Based Gangway
• IP 4-4-3	Marine Fender Systems
IP 4-5-1	Steel Stacks
IP 4-5-2	Reinforced Concrete Chimneys
FOUNDATION DESIGN	
IP 4-6-1	Reinforced Concrete Foundations and Anchor Bolts
IP 4-6-2	Supporting Structures and Foundations for Heavy Machinery
IP 4-7-1	Piles and Sheet Piling
IP 4-8-1	Tank Foundations
CONSTRUCTION AND ERECTION	
IP 4-9-1	Site Preparation and Earthwork
IP 4-10-2	Grouting for Machinery
IP 4-14-1	Equipment Lifts

- This practice is appropriate for attachment to Inquiry or Purchase document.

Revision Memo

9/68	Revision 0 - Original Issue of Basic Practice
6/70	Revision 1 - Added BP 4-8-2.
1/72	Revision 2 - Added BP 4-5-2.
6/74	Revision 3 - BP 4-10-1 revised title (formerly Concrete Construction and Grouting). Added BP 4-10-2.
1/75	Revision 4 - BP 4-7-1 revised title (formerly Foundation Piles).
6/77	Revision 5 - Added BP 4-11-1 (formerly numbered BP 17-3-1).
1/79	Revision 6 - Added BP 4-3-3.
1/83	Revision 7 - Added BP 4-5-3.
6/83	Revision 8 - Added BP 4-8-3.
6/85	Revision 9 - Added BP 4-7-2.
12/90	Revision 10 - BP 4-10-1 revised title (formerly Concrete Construction).
12/92	Revision 11 - BP 4-3-2 revised title (formerly Additional Requirements for Blast Resistant Buildings and Structures).
12/93	Revision 12 - BP 4-5-3 revised title (formerly Concrete Silos, Bins, and Bunkers for Storing Granular Materials). BP 4-6-1 revised title (formerly Reinforced Concrete Foundations).
6/94	Revision 0 - Original Issue of International Practice BP 4-6-2 changed to IP 4-6-2. Deleted BP 4-11-1 (Chain Link Fencing).
12/94	Revision 1 BP 4-2-1 changed to IP 4-2-1. BP 4-3-1 changed to IP 4-3-1. BP 4-3-2 changed to IP 4-3-2. BP 4-7-1 changed to IP 4-7-1. BP 4-7-2 changed to IP 4-7-2. BP 4-10-1 changed to IP 4-10-1. BP 4-10-2 changed to IP 4-10-2. Added IP 4-3-4.



IP 4-0-0		Structures and Foundations Section Table of Contents	
Page 2 of 2			
Rev. 5	June 2000		

Revision Memo (Cont)

6/96	Revision 2 BP 4-1-1 changed to IP 4-1-1, and revised title (formerly Concrete Selection and Design Criteria). BP 4-1-2 changed to IP 4-1-2. BP 4-2-2 changed to IP 4-2-2. BP 4-3-3 changed to IP 4-3-3. BP 4-5-2 changed to IP 4-5-2. BP 4-8-1 changed to IP 4-8-1, and revised title (formerly Foundations for Carbon Steel Tanks in Sulfuric Acid Service) BP 4-10-1 changed to IP 4-10-1. Added IP 4-5-4. Added IP 4-14-1.
6/97	Revision 3 BP 4-1-3 changed to IP 4-1-3. BP 4-1-4 changed to IP 4-1-4. BP 4-4-1 changed to IP 4-4-1. BP 4-5-1 changed to IP 4-5-1. Deleted BP 4-1-5 (Wind Design Loads); subject now covered in IP 4-1-3. Deleted BP 4-1-6 (Earthquake Design Loads); subject now covered in IP 4-1-3.
3/98	Revision 4 IP 4-1-1 revised title (formerly Concrete Selection and Mix Criteria). BP 4-6-1 changed to IP 4-6-1. IP 4-7-1 revised title (formerly Piles). IP 4-8-1 revised title (formerly Foundations for Carbon Steel Tanks in Acid Services). BP 4-9-1 changed to IP 4-9-1. Deleted BP 4-5-3 (Silos, Bins, and Bunkers for Storing Granular Materials). Deleted IP 4-5-4 (Concrete Liquid Retaining Structures); subject now covered in IP 4-1-1. Deleted IP 4-7-2 (Steel Sheet Piling); subject now covered in IP 4-7-1. Deleted BP 4-8-2 (Foundation Pads, Atmospheric Storage Tanks); subject now covered in IP 4-8-1. Deleted BP 4-8-3 (Foundations for Refrigerated Storage Tanks); subject now covered in IP 4-8-1. Deleted IP 4-10-1 (Concrete Design and Construction); subject now covered in IP 4-1-1.
6/00	Revision 5 Added IP 4-4-2 and IP 4-4-3.

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