

# WORKMANSHIP AND MATERIALS

## SECTION 02210 GENERAL SPECIFICATION

### A. Workmanship

All pipe and appurtenances shall be installed and joined in conformance with this Specification and tested under pressure for defects and leaks in accordance with "Hydrostatic Water Pipeline Test Report" of this Specification.

### B. Storage

Materials, if stored, shall be kept safe from damage and the interior of all pipe, fittings, and other appurtenances shall be kept free from dirt or foreign matter at all times. Valves shall be drained and stored in a manner that will protect them from damage by freezing.

Pipe shall not be stacked higher than shown in Table 1. The bottom tier shall be kept off the ground on timbers, rails or concrete. Pipe in tiers shall be alternated: bell, plain end, etc. At least two rows of timbers shall be placed between tiers and chocks affixed to each end so as to prevent movement.

TABLE 1

Maximum Stacking Heights — Ductile Iron Pipe  
(for 10 or 20 ft. lengths)

Pipe Size (Inches)	Number of (Tiers)
6	13
8	11
12	9
16	7
20	6
24	5
30	4
36	4

Gaskets for mechanical and push-on joints shall be stored out of direct sunlight. Gaskets shall not come in contact with petroleum products. Gaskets shall be used on a first-in, first-out basis.

Mechanical joint bolts shall be stored in such manner that will assure proper use with respect to types and sizes.

### C. Handling

All fittings, valves and accessories shall be loaded and unloaded in such a manner as to avoid shock or damage. Pipe handled on skidways shall not be rolled nor skidded against pipe already on the ground.

Slings, hooks, or pipe tongs shall be used in such a manner as to prevent damage to the exterior surface or internal lining of the pipe.

END OF SECTION