

## SECTION 15450 - PLUMBING FIXTURES

## PART 1 – GENERAL

## 1.01 SUMMARY

- A. Section Includes:
  - 1. Furnish and install all fixtures shown on the plans or specified herein.
  - 2. Provide all necessary support, trim and accessories required.

## 1.02 SUBMITTALS

- A. All items furnished under this section shall be submitted for approval.

## 1.03 QUALITY ASSURANCE

- A. All fixtures shall be roughed-in in accordance with applicable codes and per manufacturer's instructions. All fixtures shall have stops on water supply connections.
- B. No ferrous piping will be allowed in fixture supply connections.
- C. Fixtures shall be installed as recommended by manufacturer and as indicated on the drawings.
- D. All faucets shall be equipped with a laminar flow control device with pressure compensation from 40-120 psig.
- E. Faucets and all other components of the domestic water system shall be National Sanitation Foundation (NSF) 61 compliant.

## PART 2 – PRODUCTS

## 2.01 FIXTURES

- A. Fixtures shall be nonabsorbent throughout and free from waves, kiln marks or discoloration.
- B. All surfaces coming in contact with walls, floors or other flat surfaces shall be flat.
- C. All enameled iron ware shall be acid-resisting.
- D. All fixtures shall be punched for trim specified.
- E. Fixtures shall be equal to those scheduled on the drawings.

## 2.02 TRIM

- A. All exposed finished metal parts shall be chromium-plated; except, rough-bodied parts shall be nickel-plated.
- B. All supplies shall be IPS brass; except where otherwise specified.
- C. All fixtures will be provided with some form of supply stop.
- D. Traps for lavatories and sinks shall be chrome-plated cast brass P-traps with clean-out.

- E. Provide cast brass, chrome-plated, set screw type, escutcheons on supply and waste piping.

#### 2.03 SUPPORTS

- A. Chair carriers where specified shall be approved models of Wade.

### PART 3 – EXECUTION

#### 3.01 INSTALLATION

- A. All wall-hung plumbing fixtures with lip extending more than 15" from wall shall be supported on chair carriers.
- B. Unless specifically specified to be furnished with chair carrier, wall-hung lavatories, sinks, etc. shall be secured to wall with back-up plate and threaded rods. This Contractor shall furnish and install all backing, blocking, reinforcing, hangers, bolts, anchors and brackets required.
- C. Fixtures mounted on uneven surfaces shall be bedded in an approved manner.
- D. All hot and cold water supplies to plumbing fixtures or to showerheads shall have a drop-ear fitting secured to prevent movement.
- E. See Architectural drawings for exact locations of fixtures.

#### 3.02 PROTECTION AND CLEANING

- A. All fixtures subject to damage prior to completion of building shall be protected in an approved manner. Job must be turned over to Owner with all fixtures clean and free from damage.

END OF SECTION 15450