

SECTION 01600

TRANSPORTATION, HANDLING, STORAGE AND PROTECTION

PART 1 GENERAL

1.1 PRODUCTS

- A. Products include material, equipment, and systems.
- B. Comply with Specifications and referenced standards as minimum requirements.
- C. Components required to be supplied in quantity within a Specification section shall be the same, and shall be interchangeable.
- D. Do not use old or previously used materials and equipment unless specifically allowed by the WSD.

1.2 TRANSPORTATION AND HANDLING

- A. Transport products by methods to avoid product damage; deliver in undamaged condition in manufacturer's unopened containers or packaging, dry.
- B. Provide equipment and personnel to handle products by methods to prevent soiling or damage.
- C. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.

1.3 STORAGE AND PROTECTION

- A. Store products in accordance with manufacturer's instructions, with seals and labels intact and legible. Store sensitive products in weather-tight enclosures; maintain within temperature and humidity ranges required by manufacturer's instructions.
- B. Cover all ends of water distribution pipe and valves immediately upon delivery to site and during storage. Uncover only after installation.
- C. For exterior storage of material, cover materials subject to deterioration with impervious sheet covering; provide ventilation to avoid condensation.
- D. Cover all PVC pipe and protect from UV degradation.

- E. Store loose granular materials on solid surfaces in a well-drained area; prevent mixing with foreign matter.
- F. Arrange storage to provide access for inspection. Periodically inspect to assure products are undamaged, and are maintained under required conditions.
- G. After installation, provide coverings to protect products from damage from traffic and construction operations, remove when no longer needed.

1.4 SYSTEMS DEMONSTRATION

- A. If applicable, prior to acceptance by the WSD, demonstrate operation of each system to WSD.
- B. Instruct WSD's personnel in operation, adjustment, and maintenance of equipment and systems, using the operation and maintenance data as the basis of instruction.

END OF SECTION 01600 - MATERIAL AND EQUIPMENT