



2500 - SPECIFICATION FOR WATERING

2500 - 1 DESCRIPTION

- 1.01 The work shall consist of loading, transporting, and distributing water required to aid in the compaction of embankments, subgrade preparation, backfills, sub-base and base courses and to control dust. The work will include storing water at central mixing plants.

2500 - 2 MATERIALS

- 2.01 The Department will furnish the source of water.
- 2.02 The water shall be free from undesirable quantities of organic matter and mineral salts. The quality will be subject to the approval of the Engineer.
- 2.03 If water is furnished from hydrants, the Contractor shall conform to all regulations set forth by the municipal authorities. The Contractor shall furnish any special equipment required for obtaining water from hydrants at no direct expense to the Department.

2500 - 3 CONSTRUCTION

General

- 3.01 Water shall be hauled in accordance with Specification 2405 For Haul On the Basis Of The Kilometre.

Watering On The Road

- 3.02 Watering equipment shall consist of water-tight tanks mounted on adequately powered trucks. The water shall be applied through a spray bar of such design as to provide a uniform unbroken spread of water the full width of the spray bar. A suitable device for positive shutoff of the spray shall be so located as to permit control from the cab.
- 3.03 If water is added through a mechanical or travel plant mixer, the machine shall be equipped with a metering device.
- 3.04 Water shall be distributed only if equipment is available to mix the materials or when the compaction operation is in progress.

Watering At A Central Mixing Plant

- 3.05 Sufficient storage capacity shall be provided at the mixing plant to ensure an adequate supply of water for the operation of the mixing plant.

2500 - 4 MEASUREMENT

- 4.01 Water will be measured in cubic metres.
- 4.02 If a scale is conveniently located, the volumetric capacity of the tank may be determined by weighing the water tank empty and full. For this measurement, one cubic metre will be equal to one thousand kilograms.
- 4.03 Metering devices approved by the Department of Consumer and Corporate Affairs Canada may be used to measure water.

2500 - 5 PAYMENT

- 5.01 Payment for Watering On The Road will be at the contract unit price per cubic metre. The unit price will be full compensation for completing the work except for those activities for which specific provision for payment is made in this section.
- 5.02 If the contract includes a bid item for Hauling Water To The Road payment will be made in accordance with Specification 2405 For Hauling On The Basis Of The Kilometre.
- 5.03 If water is used at a central mixing plant, hauling water to the central mixing plant and watering at the central mixing plant will not be paid for directly but will be considered as a subsidiary obligation of the Contractor.