

### **Division 3: Allaying Dust**

**3.01 SCOPE:** This work shall consist of all labor, materials, and equipment necessary to apply a calcium chloride for the purpose of allaying dust within the project, including storage areas, or as directed by the Engineer. Water trucks alone may be used in developments where approved by the Engineer. However, calcium chloride may be required in developments when water alone proves, in the opinion of the engineer, to be ineffective.

**3.02 MATERIALS:** Calcium chloride shall conform to VDOT Road and Bridge Specifications, Section 239.

**3.03 EXECUTION:** Calcium chloride shall be applied in accordance with VDOT Road and Bridge Specifications, Section 511, at the following rate or as directed by the Engineer. All areas where calcium chloride will be applied are to receive a double application of calcium chloride at a rate of one (1) pound per square yard for each application. As moisture from the first application starts to dry, apply the second application. No payment will be allowed until the second application has been applied.

Application of calcium chloride subsequent to initial applications may be applied in a single application, or as directed by the Engineer.

Areas where permanent vegetation will be established and calcium chloride has been applied shall be stripped to remove those areas where calcium chloride has been installed. Removal shall be done prior to installing topsoil.

The equipment to be furnished hereunder for application of water shall include a truck or trucks equipped with a water tank with a minimum capacity of one-thousand gallons and pumps for furnishing, loading and applying water to the development when required to allay dust or as directed by the engineer.

The equipment, operators, and materials shall be available at all times and shall be subject to calls at night, Saturdays, Sundays and holidays, as well as during regular working hours if field conditions necessitate this action.

**3.04 MEASUREMENT AND PAYMENT:** Allaying dust will not be measured per hour for the time in service or removal of calcium chloride treated areas but will be measured per ton of calcium chloride. Quantities shall be evidenced by daily reports submitted by the Contractor and approved by the Engineer or his designated representative. Allaying dust will be paid for at the contract unit price per ton, which price shall include all calcium chloride, materials, labor, tools, equipment and incidentals necessary for the performance of the work.

