

SECTION 2150

DUST SUPPRESSION

1.00 GENERAL

1.01 Scope. Work under this Section shall include furnishing all materials, labor, equipment and miscellaneous items necessary to provide dust control over the entire project site.

1.02 Related Work Specified Elsewhere.

All *Division 2000 & 3000* Sections

1.03 Submittals.

A. Chemical Products. Descriptive literature defining chemical constituents.

2.00 MATERIALS

2.01 Magnesium Chloride.

<u>Constituents</u>	<u>Percentage by Weight</u>
Magnesium Chloride	Approximately 28%-36%
Sulphate	2.5%
Potassium, sodium, calcium	Less than 1%
Nitrate	-0-

3.00 METHODS AND PROCEDURES

3.01 Dust Control. Dust control to be considered an integral part of the Work. Control shall be provided from the start of construction until the Work is complete. Fugitive dust as a result of construction shall be controlled at all times.

3.02 Watering. For road construction, the Contractor shall have a water truck on site at all times for dust control. It is the contractor's sole responsibility to provide adequate dust control. The Town may require the contractor to increase dust control efforts as it determines necessary. Any additional dust control, as ordered by the Town, shall be at the contractor's expense.

For utility construction, dust control may be accomplished by water truck or spray system from an on-site water system if approved. Contractor shall be prepared to provide dust control until the final surface is completed.

The Contractor shall obtain a water meter from the Town for metering any water taken from the municipal water system whether from fire hydrants or private taps.

3.03 Chemical Control. Where required by the Engineer and approved by the Town, dust control shall be provided by the use of magnesium chloride chemical spray to the road surface.

After the surface has been prepared, the road shall be pre-wet to a very damp condition. The product shall be applied using a watering truck with spray applicator, providing an even distribution across the surface. Application rate shall be 1/3 - 1/2 gallon per square yard. The surface shall be re-sprayed until complete coverage is attained.

End of Section