

S-37 DUST CONTROL

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37.01 SCOPE OF WORK

This specification covers the requirements for dust control applications during construction projects. During a construction project, the Contractor shall be solely responsible for controlling dust nuisance resulting from their operations, within the Contract Limits and within adjacent rights-of-way.

37.02 REFERENCES

This specification refers to the following standards, specifications, or publications:

- OPSS 506
- OPSS 2501
- OPSS 2503

37.03 MATERIALS

The Contractor shall supply all materials.

37.04 EQUIPMENT

The Contractor shall supply all equipment.

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37.05 CONSTRUCTION

Water or water and calcium chloride or water and magnesium chloride solution shall be applied to areas within or adjacent to the Contract Limits as authorized by the City Engineer as being necessary and unavoidable for the prevention of dust nuisance or hazard to the public.

37.06 QUALITY ASSURANCE

When calcium chloride solution is directed to be used, it shall contain a minimum of 35 percent by mass of pure calcium chloride measured at 15°C.

37.07 MEASUREMENT FOR PAYMENT

Measurement of calcium chloride solution shall be made in cubic metres. Conversion factors from kg to cubic metres shall be as follows:

1000 kg = 1 cubic metre of water

1350 kg = 1 cubic metre of calcium chloride solution

Measurement of water used for dust control shall be measured in cubic metres.

37.08 BASIS FOR PAYMENT

Payment shall be made at the appropriate unit prices bid in the Form of Tender for water or calcium chloride solution and shall be compensation in full for all labour, materials, and equipment required to control dust nuisance.