1702 - CALCIUM CHLORIDE

SECTION 1702

CALCIUM CHLORIDE

1702.1 DESCRIPTION
This specification covers calcium chloride to be added to bases or surfaces as a stabilizer or dust palliative.

1702.2 REQUIREMENTS
a. Provide calcium chloride that complies with AASHTO M 144 with the exception that “Impurities Content” does not apply. Supply one of the types listed below:
   (1) Type S ( Flake, pellet or granule)
       (a) Grade 1 (77% CaCl₂)
       (b) Grade 2 (90% CaCl₂)
   (2) Type L (Liquid)

b. Base the application rate used in the Contract Documents on Type S, Grade 2 calcium chloride. Increase the rate by 20% when using Grade 1. Calculate the application rate of Type L based on the concentration of the material supplied.

1702.3 TEST METHODS
Sample and test according to the applicable provisions of AASHTO T 143.

1702.4 PREQUALIFICATION
Not required.

1702.5 BASIS OF ACCEPTANCE
a. Receipt and approval of a Type D certification as specified in DIVISION 2600. Include the concentration of CaCl₂ if certifying a Type L material.

   b. Satisfactory performance in the field.