

## 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%  $\text{CaCl}_2$ )
  - (b) Grade 2 (90%  $\text{CaCl}_2$ )
- (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  $\text{CaCl}_2$  if certifying a Type L material.

b. Satisfactory performance in the field.