

22. **Miscellaneous signal line hardware and/or attachments** shall be galvanized or stainless steel.
23. **Span wires** shall conform to the requirements of ASTM A475, High-Strength Grade, Class A.
24. **Splice kits** shall be prepackaged and shall consist of a plastic molded body with a compound that moisture seals and provides insulation for the conductor cables for at least 1,000 volts.
25. **Balance adjusters** shall be galvanized ductile iron conforming to the requirements of ASTM A536, Grade 65-45-12; aluminum conforming to the requirements of ASTM B26, alloy ZC81A; or bronze conforming to the requirements of ASTM B584, alloy C83600.
26. **Span wire clamps** for signal head mounting shall use U-bolts for securing the clamp to the span wire and shall be galvanized malleable iron or aluminum with a tensile strength of 6,000 pounds.

SECTION 239—SODIUM CHLORIDE AND CALCIUM CHLORIDE

239.01—Description.

These specifications cover chloride used as a stabilizer or to control snow and ice.

239.02—Detail Requirements.

- (a) **Sodium chloride** shall conform to the requirements of AASHTO M143, Type I, with the following exceptions:
 1. The sodium chloride content shall be at least 97 percent of the dry weight.
 2. The moisture content shall be not more than 5 percent.
 3. When shipped in bulk, sodium chloride shall contain an anticaking additive.
 4. Sodium chloride will be tested in accordance with the requirements of VTM-28.

When practicable, samples will be taken at the source from indoor storage or adequately protected outdoor storage at the rate of approximately

one sample per 4,000 tons. Samples will not be taken from uncovered storage.

When inspection at the source is not practicable or when material is shipped from uncovered storage, samples will be taken at the destination at the time of delivery.

When shipments of sodium chloride are made from approved stock at the source, inspection service will be provided when the frequency of shipments makes it economically justified. This inspection will be indicated by the Inspector's stamp on the shipping or delivery report. When inspection service is not provided, the supplier may ship but shall certify that the material came from an approved source. The certification may be stamped on the shipping or delivery report but shall be signed by an authorized representative of the company.

- (b) **Calcium chloride** shall conform to the requirements of AASHTO M144.

SECTION 240—LIME

240.01—Description.

These specifications cover lime to be used as a stabilizer or soil conditioner.

240.02—Detail Requirements.

- (a) **Hydrated lime** shall conform to the requirements of ASTM C207, Type N, except that the average percentage of calcium oxide shall be at least 93. Single test results shall not be below 90 percent.
- (b) **Hydraulic lime** shall conform to the requirements of ASTM C141.
- (c) **Agricultural lime:**
1. **Ground limestone** shall be of such fineness that at least 86 percent will pass a No. 20 mesh screen, at least 47 percent will pass a No. 60 mesh screen, and at least 28 percent will pass a No. 100 mesh screen. Material shall have a calcium carbonate equivalent of at least 85 percent.
 2. **Pulverized limestone** shall be of such fineness that at least 90 percent will pass a No. 20 mesh screen and at least 66 percent will pass a No. 100 mesh screen. Material shall have a calcium carbonate equivalent of at least 85 percent.