



## CHROMATE CONVERSION COATED ALUMINUM EXTRUDED SIGN PANELS MGS 07-01A

**1.0 DESCRIPTION.** These specifications cover the purchase of chromate conversion coated aluminum extruded panels for highway signing.

**2.0 MATERIALS.** All Aluminum Extruded Sign Panels shall comply with ASTM B22, 6063-T6 specifications. All Aluminum substrate shall given a chromate conversion coating in accordance with ASTM B 449, Class 2 and shall be prepared by one of the Treatment Sequence Options described in ASTM B449, Appendix X2.

### **3.0 BIDDING.**

3.1 The bidder must supply samples and certifications during the bid process. Furnished samples must fully comply with the requirements of the specification prior to award. Material certification sheets shall indicate all specified requirements are met prior to award. Failure to comply will remove the supplier from the bid process.

3.2 Furnished samples shall be sufficient in size for testing purposes. The mass of the coating per unit area of coated surface shall conform to the values given in ASTM B449 Table 1 for Class 2 coating. Samples shall be tested in accordance with ISO 3892 section 4.6 Chromate and amorphous phosphate coatings on aluminum and its alloys.

3.3 If tests performed by the department indicate non-compliance with the requirements of this specification, supplier will be removed from the bid process.

**4.0 ACCEPTANCE.** Acceptance of supplied material will be based on acceptable certifications and results of tests performed on any samples obtained by the department at destination. The department may sample and test at any time.