KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 1990 EDITION

SECTION 1600

ALUMINUM SIGNING MATERIALS

Pages 922 and 923, Subsection 1626. Delete items 1626.02 (b) (14), (15), (16) and (17), regarding materials used for signs. Create a new Subsection in Section 1600 titled Aluminum Signing Materials.

1.0 DESCRIPTION.

This specification covers aluminum alloy materials and hardware items for fabricating signs.

2.0 REQUIREMENTS.

(a) General.

All materials shall conform to the dimensions shown on the Plans or specified in the contract. Tolerances shall be as shown on the Plans or as specified by ASTM or other referenced specifications. Aluminum alloy shall meet the specifications listed below.

(b) Specific Requirements:

(1) Fasteners

(1.1) Bolts and Screws Alloys 2024-T4* or 6061-T6	ASTM B211M
(1.2) Nuts, 6 mm tap and under Alloy 2024-T4*	ASTM B211M
(1.3) Nuts, 8 mm tap and over Alloys 6061-T6 or 6262-T9	ASTM B211M
(1.4) Washers, Flat Alloy Alclad 2024-T4	ASTM B209M
(1.5) Washers, Spring Lock Alloy 7075-T6	ASTM B211M
(1.6) Locknuts Alloy 2017-T4*	ASTM B211M
(1.7) Rivets, blind (Front entry, expanding) Alloys 2017-F* or 2117-F*.	ASTM B316M

(2) Post Clips ASTM B108M
Alloys 356.0-T6, A356.0-T61 or 356.0-F
(3) Structural Panels ASTM B209M
Alloy 3003-H18
(4) Structural Panel Stiffeners ASTM B221M
Alloy 6063-T6
(5) Sign Blanks ASTM B209M
Alloys 6061-T6, 6063-T6, 5154-H38 or 5052-H38
(6) Detachable Legend for Signing ASTM B209M
Alloy 3003-H14
* These alloys shall have an anodic coating not less than 50 mm thick with dichromate or boiling water seal.

3.0 BASIS OF ACCEPTANCE.

The basis of acceptance of signing material furnished under this specification shall be as follows:

(a) Receipt and approval of a Type D certification as specified in Section 2600.

(b) Visual inspection at destination for condition and conformance with dimensional and other requirements.

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