

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 2015 EDITION**

Delete SECTION 1301 and replace with the following:

SECTION 1301

MASONRY BRICK

1301.1 DESCRIPTION

This specification covers requirements for masonry brick for various types of construction. Supply masonry brick made from clay, shale, or a mixture of aggregates, water and portland cement.

1301.2 REQUIREMENTS

a. Building Brick. ASTM C 62 defines the requirements for this type of brick, except “Maximum Water Absorption by Five-hour Boiling” and “Maximum Saturation Coefficient” does not apply. It is intended for both structural and nonstructural applications where external appearance is not a requirement.

Provide Grade MW masonry brick unless specified otherwise in the Contract Documents.

b. Sewer and Manhole Brick. ASTM C 32 defines the requirements for this type of brick. Provide either Grade MM or MS bricks.

c. Concrete Building Brick. ASTM C 55 defines the requirements for this type of brick, except “Water Absorption” and “Moisture Content” does not apply.

Provide Grade S-II concrete building brick unless specified otherwise in the Contract Documents.

d. Clay or Shale Based Paving Brick (including ADA Compliant Paving Brick). ASTM C 902 defines the requirements for this type of brick. Provide a brick that complies with Class SX, Type I, and Application PS requirements.

e. Concrete ADA Compliant Paving Brick. Provide brick that complies with the materials and testing requirements of SECTION 1304.

f. Facing Brick. ASTM C 216 defines the requirements for this type of brick, except “Maximum Water Absorption by Five-hour Boiling” and “Maximum Saturation Coefficient” does not apply. It is intended for structural, nonstructural and facing applications where external appearance (color, finish, texture, uniformity, warpage, etc.) is a requirement.

Provide Grade MW, Type FBS masonry brick unless specified otherwise in the Contract Documents.

1301.3 METHODS OF TEST

Test masonry bricks by the procedures in the ASTM standards cited with each brick type, including the standard cited in SECTION 1304. Note the additions or exceptions noted for each brick type.

1301.4 PREQUALIFICATION

None required.

1301.5 BASIS OF ACCEPTANCE

With the exception of ADA Compliant Paving Brick, acceptance of masonry brick will be based on satisfactory results of tests conducted on samples submitted to the Engineer of Tests.

Acceptance of ADA Compliant Paving Brick (**subsection 1301.2d. or e.**) will be based on receiving a Type A certification and satisfactory results of tests conducted on samples submitted to the Engineer of Tests.