



SELFLEVEL[®] Adjustable Manhole Castings Specification

General

This specification is applicable for SELFLEVEL[®] Adjustable Manhole castings. All casting manufacturers shall be approved suppliers of cast iron products to the XXX Department of XXX. All castings shall be Made in USA and shall be in conformance with AASHTO M306. Castings shall be EJ SELFLEVEL[®] or approved equivalent. Castings shall be able to match the contour of the road and have a minimum of 4 inches of height change between lowest and highest setting.

Materials

Gray iron castings shall be manufactured from iron conforming to AASHTO M105 Class 35B. Ductile iron castings shall be manufactured from iron conforming to ASTM A536. The iron material used in products provided shall have a minimum recycled material content of 85%.

Description

Product shall consist of three pieces – lower guide frame, upper frame, cover. Both frames shall be ductile iron. The lower guide frame shall have a continuous rubber gasket secured to the top rim. The upper frame shall telescope into the lower guide frame and be supported by the surrounding asphalt surface.

Certification

A foundry certification shall be furnished to the purchaser stating that the product meets the requirements of this specification. Applicable documentation shall be made available to the purchaser upon request.

Marking

Each casting shall be identifiable and show, at a minimum, the following: name of the producing foundry, country of manufacture, material grade, individual part number, cast date. All castings shall be marked in accordance with all applicable laws and/or regulations. Castings shall include all lettering as shown on the specification drawings.