

## 1614 - CAST STEEL PRODUCTS

### SECTION 1614

#### CAST STEEL PRODUCTS

##### 1614.1 DESCRIPTION

This specification governs products for various applications cast from steel.

##### 1614.2 REQUIREMENTS

**a. General.** Provide castings that comply with the design, dimensions, and specific fabrication requirements as specified in the Contract Documents. Provide the products in the as-cast and as-machined condition.

**b. Material Specifications.** The steel castings provided through this specification are to comply with ASTM A 27. Unless specified otherwise, annealed Grade 65-35 is required with the Class as specified on the Contract Documents. Comply with ASTM A 27 for all weld joining or repair of these castings.

##### 1614.3 TEST METHODS

Conduct all tests required by the applicable ASTM specifications of **subsection 1614.2b**.

##### 1614.4 PREQUALIFICATION

Not applicable.

##### 1614.5 BASIS OF ACCEPTANCE

Receipt and approval of a Type D certification as specified in **DIVISION 2600**.

The KDOT reserves the right to request and test specimens from delivered casting lots to verify specification compliance. Specimens may be cast test bars from the manufacturer or sections removed from castings if test bars are not available, or there is reason to suspect their validity.

The final disposition of all castings will be completed at the final destination as the result of inspection for the quality of workmanship and the delivery condition.