Oklahoma DOT Materials Field Acceptance Method: **5004**
Acceptance of Iron Castings
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BASIS
Material quality of products coded 5004 is monitored by the Materials Division per their quality monitoring procedure(s).   Acceptance of products coded 5004 is based on:

• Field inspecting for handling damage and foundry markings
• Documenting product information to project records

PROCEDURE
1. Inspect delivered products for any apparent significant handling damage and the existence of foundry markings. Markings should appear as detailed in Reference Document 5004-R1.(1) Every effort should be made to make this inspection at point and time of delivery.

2. Verify the product has an unexpired listing on the Approved Products List with a Field Acceptance Method of 5004.(2)

3a. For all SiteManager projects: Required documentation involves the Residency capturing data in an electronic SiteManager Contract Sample Information / AM5004 Test Template Record.

3b. For Non-SiteManager projects: Key data fields of the SiteManager method are recreated on Reference Document Form 5004-F1.(3) Printing and completion of a Form 5004-F1 by the Residency and placement of it by them in their Non-SiteManager project file is the acceptable method.

NOTES

1. Frequently inspect delivered products for handling damage and foundry markings. Verification of products used should be an ongoing effort throughout project duration

2. This Acceptance Method has a delivery/usage point and time focus: What product was delivered, will be or is being used on the project and are the foundry markings on the product appropriate? This is the most accurate and thus desirable point and time to verify, control and document iron casting usage.

Products with an unexpired listing on the Approved Products List and a Field Acceptance Method of 5004 come from foundries pre-approved for their iron castings, have foundry markings on them and do not require any project-level material, manufacturer or supplier certifications as evidence of their material quality or material acceptability.

FREQUENCY
Ideally, inspect each shipment at point and time of delivery. Minimum is once per Product Name per project, with reasonable awareness that handling conditions, foundry markings and product information are unchanged.

REFERENCE DOCUMENTS

(1) 5004-R1 – Iron Casting Foundry Marking Details
(2) Approved Product Lists may be found in the Approved List section of the Materials & Testing e-Guide at: https://www.ok.gov/odot/Doing_Business/Materials/
(3) 5004-F1 - Acceptance Form for Iron Castings on Non-SiteManager Projects

Revision 3/16/2015: Changed Materials & Testing e-Guide link, in Reference Documents (2) above, to new Materials & Testing e-Guide web page link.

Revision 7/5/2016: Changed Materials & Testing e-Guide hyperlink, in Reference Documents (2) above, to current Materials & Testing e-Guide URL.