Skip to main content Skip to primary navigation
Menu
Home Home
About this portal
Latest updates
Print Save Email
Resource detail
<u>Citations</u>

ASTM E309-83 STANDARD PRACTICE FOR EDDY-CURRENT EXAMINATION OF STEEL TUBULAR PRODUCTS USING MAGNETIC SATURATION (R1987)

View on Information Provider website {{ linkText }}

Abbreviation ASTM E309-83 Valid from 27/05/1983

Information provider IHS Markit Author American Society of Testing and Materials Information type ASTM Standard Format PDF

Cited By <u>This resource is cited by 2 documents (show Citations)</u>

Description

This practice covers a procedure for applying the eddy current method to detect discontinuities in ferromagnetic pipe and tubing where the article being examined is rendered substantially non-magnetic by the application of a concentrated, strong magnetic field in the region adjacent to the examining coil.

The procedure is specifically applicable to eddy current testing methods using an encircling-coil assembly. However, eddy current techniques that employ either fixed or rotating probe-coil assemblies may be used to either enhance discontinuity sensitivity on the large diameter tubular products or to maximize the response received from a particular type of discontinuity.

This practice is intended for use on tubular products having outside diameters from approximately 1/4 to 10 in. (6.35 to 254.0 mm). These techniques have been used for smaller and larger sizes however, and may be specified upon contractual agreement between the purchaser and the supplier.

For assistance with locating previous versions, please contact the information provider.

View on Information Provider website {{ linkText }}

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

ASTM E309-83 STANDARD PRACTICE FOR EDDY-CURRENT EXAMINATION OF STEEL TUBULAR PRODUCTS USING MAGNETIC SATURATION (R1987)

This document is CITED BY:

• ASTM A106-91

ASTM E309-83 is cited by ASTM A106-91 Specification for seamless carbon steel pipe for high temperature service

• ASTM A53-90 (Revision 90B)

ASTM E309-83 is cited by ASTM A53-90 Specification for pipe, steel, black and hot-dipped, zinc-coated welded and seamless

Back

ASTM E309-83 STANDARD PRACTICE FOR EDDY-CURRENT EXAMINATION OF STEEL TUBULAR PRODUCTS USING MAGNETIC SATURATION (R1987)

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This practice covers a procedure for applying the eddy current method to detect discontinuities in ferromagnetic pipe and tubing where the article being examined is rendered substantially non-magnetic by the application of a concentrated, strong magnetic field in the region adjacent to the examining coil.

The procedure is specifically applicable to eddy current testing methods using an encircling-coil assembly. However, eddy current techniques that employ either fixed or rotating probe-coil assemblies may be used to either enhance discontinuity sensitivity on the large diameter tubular products or to maximize the response received from a particular type of discontinuity.

This practice is intended for use on tubular products having outside diameters from approximately 1/4 to 10 in. (6.35 to 254.0 mm). These techniques have been used for smaller and larger sizes however, and may be specified upon contractual agreement between the purchaser and the supplier.

View on Information Provider website

ASTM E309-83 STANDARD PRACTICE FOR EDDY-CURRENT EXAMINATION OF STEEL TUBULAR PRODUCTS USING MAGNETIC SATURATION (R1987)

Description

This practice covers a procedure for applying the eddy current method to detect discontinuities in ferromagnetic pipe and tubing where the article being examined is rendered substantially non-magnetic by the application of a concentrated, strong magnetic field in the region adjacent to the examining coil.

The procedure is specifically applicable to eddy current testing methods using an encircling-coil assembly. However, eddy current techniques that employ either fixed or rotating probe-coil assemblies may be used to either enhance discontinuity sensitivity on the large diameter tubular products or to maximize the response received from a particular type of discontinuity.

This practice is intended for use on tubular products having outside diameters from approximately 1/4 to 10 in. (6.35 to 254.0 mm). These techniques have been used for smaller and larger sizes however, and may be specified upon contractual agreement between the purchaser and the supplier.

View on Information Provider website

This resource does not cite any other resources.

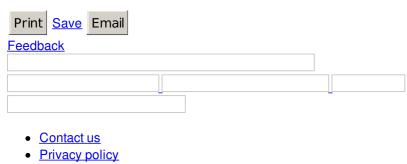
ASTM E309-83 STANDARD PRACTICE FOR EDDY-CURRENT EXAMINATION OF STEEL TUBULAR PRODUCTS USING MAGNETIC SATURATION (R1987)

This resource does not CITE any other resources.



Close

Table of Contents



- Disclaimer
- Copyright

