

ICS 77.040.20
CCS H 26



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12606-2016

**Automated full peripheral flux leakage testing of seamless and welded
(except submerged arc-welded) ferromagnetic steel tubes for the
detection of longitudinal and/or transverse imperfections**

无缝和焊接(埋弧焊除外)铁磁性钢管纵向和/或
(English Translation)

Issued on: December 31, 2015

Implemented on: January 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine**

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1 Scope

This Standard specifies requirements for automated full peripheral magnetic flux leakage testing of seamless and welded ferromagnetic steel tubes, with the exception of submerged arc-welded (SAW) tubes, for the detection of imperfections.

Unless otherwise specified in the purchase order, this Standard is applicable to the detection of predominantly longitudinal imperfections.

This Standard is applicable to the inspection of tubes with an outside diameter equal to or greater than 10 mm.

This Standard can also be applicable to the testing of hollow sections.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9712, Non-destructive testing - Qualification and certification of personnel

ISO 11484, Steel products - Employer's qualification system for non-destructive testing (NDT) personnel

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 11484 and the following apply.

3.1

reference standard