ICS 19.100 SLOVENSKÁ TECHNICKÁ NORMA September 2017

STN	Nedeštruktívne skúšanie Zariadenia na skúšanie vírivými prúdmi Charakteristiky array snímačov a ich overovanie (ISO 20339: 2017)	STN EN ISO 20339 01 5018

Non-destructive testing - Equipment for eddy current examination - Array probe characteristics and verification (ISO 20339:2017)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/17

Obsahuje: EN ISO 20339:2017, ISO 20339:2017

125278

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 20339

April 2017

ICS 19.100

English Version

Non-destructive testing - Equipment for eddy current examination - Array probe characteristics and verification (ISO 20339:2017)

Essais non destructifs - Appareillage pour examen par courants de Foucault - Caractéristiques des capteurs multiéléments et vérifications (ISO 20339:2017)

Zerstörungsfreie Prüfung - Technische Ausrüstung für die Wirbelstromprüfung - Kenngrößen von Sensorarrays und deren Verifizierung (ISO 20339:2017)

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European foreword

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INTERNATIONAL
STANDARD

ISO
20339

First edition
2017-03

Non-destructive testing — Equipment for eddy current examination — Array probe characteristics and verification

Essais non destructifs — Appareillage pour examen par courants de Foucault — Caractéristiques des capteurs multiéléments et vérifications

Reference number
ISO 20339:2017(E)

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Foreword

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 4, *Eddy current testing.*

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Non-destructive testing — Equipment for eddy current examination — Array probe characteristics and verification

1 Scope

This document identifies the functional characteristics of eddy current array probes and their interconnecting elements and provides methods for their measurement and verification.

The evaluation of these characteristics permits a well-defined description and comparability of eddy current array probes.

Where relevant, this document gives recommendations for acceptance criteria for the characteristics.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 12718, *Non-destructive testing — Eddy current testing — Vocabulary*

ISO 15548-1, *Non-destructive testing — Equipment for eddy current examination — Part 1: Instrument characteristics and verification*

ISO 15548-2:2013, *Non-destructive testing — Equipment for eddy current examination — Part 2: Probe characteristics and verification*

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