ICS 25.220.99, 49.040 SLOVENSKÁ TECHNICKÁ NORMA Júl 2020

| STN | **Letectvo a kozmonautika<br>Povrchové úpravy<br>Skúšobná metóda na meranie elektrického prechodového odporu** | **STN<br>EN 4875**<br><br>31 8011 |
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Aerospace series - Surface treatments - Test method for measurement of electrical contact resistance

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. 06/20

Obsahuje: EN 4875:2020

**131089**

# EUROPEAN STANDARD
# NORME EUROPÉENNE
# EUROPÄISCHE NORM

**EN 4875**

January 2020

ICS 25.220.99; 49.040

English Version

# Aerospace series - Surface treatments - Test method for measurement of electrical contact resistance

Série aérospatiale - Traitements de surface - Méthode d'essai de mesure de la résistance électrique de contact

Luft- und Raumfahrt - Oberflächenbehandlungen - Prüfverfahren zur Messung von elektrischer Kontaktwiderstand

This European Standard was approved by CEN on 11 November 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN 4875:2020 E

**EN 4875:2020 (E)**

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# European foreword

This document (EN 4875:2020) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2020, and conflicting national standards shall be withdrawn at the latest by July 2020.

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# 1 Scope

This document describes the electrical contact resistance testing method applicable to conductive and non-conductive coatings applied on test specimens made of conductive materials (unless otherwise specified) for aerospace applications. An objective of this practice is to define and control many of the known variables in such a way that valid comparisons of the contact properties of materials can be made.

This test may be locally destructive depending on the process tested.

# 2 Normative references

There are no normative references in this document.