

<b>STN</b>	<b>Letectvo a kozmonautika. Morenie hliníka a zliatin hliníka v kyseline bez šesťmocného chrómu.</b>	<b>STN EN 4707</b>  31 2381
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Aerospace series - Acid pickling of aluminum and aluminum alloy without hexavalent chromium

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. 10/14

Obsahuje: EN 4707:2014

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

**EN 4707**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Aerospace series - Acid pickling of aluminum and aluminum alloy without hexavalent chromium

Série aérospatiale - Décapage acid de l'aluminium et des alliages d'aluminium sans chrome hexavalent

Luft- und Raumfahrt - Beizen von Aluminium und Aluminiumlegierungen ohne sechswertiges Chrom

This European Standard was approved by CEN on 27 December 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## **Foreword**

This document (EN 4707:2014) 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 European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This standard specifies the acid pickling of aluminium and aluminium alloys.

It is applicable whenever referenced.

## 2 Purpose of process

- 2.1 Pre-treatment before penetrant testing/penetrant inspection.
- 2.2 Pre-treatment before anodizing.
- 2.3 Final treatment for parts prior to adhesive bonding application.
- 2.4 Final treatment before welding or brazing.
- 2.5 Pre-treatment before chemical milling.
- 2.6 Final treatment for parts prior to painting application.
- 2.7 Pre-treatment for parts prior to surface conversion coatings.
- 2.8 Desmutting (Blanchiment), after alkaline etching or acid pickling.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**