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National Standards Authority of Ireland
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IRISH STANDARD

I.S. EN 4379:2007

ICS 49.025.15

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AEROSPACE SERIES - HEAT RESISTING ALLOY NI-PH3601 (NICR22MO9NB) - SOLUTION TREATED, FORGING DE ≤ 200 MM

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4379

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ICS 49.025.15

English Version

Aerospace series - Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb) - Solution treated, forging De ≤ 200 mm

Série aérospatiale - Alliage résistant à chaud NI-PH3601 (NiCr22Mo9Nb) - Mis en solution, pièces forgées et pièces matricées De ≤ 200 mm

Luft- und Raumfahrt - Hochwarmfeste Legierung NI-PH3601 (NiCr22Mo9Nb) - Lösungsgeglüht, Schmiedestücke und Gesenkschmiedestücke De ≤ 200 mm

This European Standard was approved by CEN on 15 March 2007.

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Contents

Page

Foreword **3**

Introduction **4**

1 Scope **4**

2 Normative references **4**

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Foreword

This document (EN 4379:2007) 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of an identical text or by endorsement, at the latest by May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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Introduction

This standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This standard has been prepared in accordance with EN 4500-3.

1 Scope

This standard specifies the requirements relating to:

Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb) — Solution treated, forging $D_e \leq 200$ mm

for aerospace applications.

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.

EN 2860-3, *Aerospace series — Heat resisting alloys — Forging stock and forgings — Technical specification — Part 3: Pre-production and production forgings*[1)]

EN 3671, *Aerospace series — Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb), non heat treated — Forging stock — a or $D \leq 250$ mm*[1)]

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 4500-3, *Aerospace Metallic materials — Rules for drafting and presentation of material standards — Part 3: Specific rules for heat resisting alloys*[1)]

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1) Published as ASD prestandard at the date of publication of this standard.

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