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IRISH STANDARD

I.S. EN 15530:2008

ICS 77.150.10

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ALUMINIUM AND ALUMINIUM ALLOYS - ENVIRONMENTAL ASPECTS OF ALUMINIUM PRODUCTS - GENERAL GUIDELINES FOR THEIR INCLUSION IN STANDARDS

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EUROPEAN STANDARD

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English Version

Aluminium and aluminium alloys - Environmental aspects of aluminium products - General guidelines for their inclusion in standards

Aluminium et alliages d'aluminium - Aspects environnementaux des produits d'aluminium - Lignes directrices générales pour leur intégration dans les normes

Aluminium und Aluminiumlegierungen - Umweltaspekte von Aluminiumerzeugnissen - Allgemeine Leitlinien für ihre Berücksichtigung in Normen

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 15530:2008) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR. Within its program of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 14 “General support” to prepare this document.

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of an identical text or by endorsement, at the latest by July 2008, and conflicting national standards shall be withdrawn at the latest by July 2008.

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Introduction

European standards often deal with aspects of trade, quality, health and the safety of products, processes or services. By additionally considering environmental aspects, European standardization is extended to the frame of sustainable development.

General guidance for the inclusion of environmental aspects in product standards is given by CEN Guide 4. This Guide covers the consideration of environmental aspects in standards dealing with aluminium products and is intended for standard writers. The aim of CEN Guide 4 is to provide a helpful tool for technical experts in the production chain of the aluminium product, who are involved in standardization, but are not necessarily environmental experts.

The purpose of CEN Guide 4 is:

a) to describe the environmental aspects in product standards;

b) to outline the relationship between product standards and the environment;

c) to help avoid provisions in product standards that may lead to adverse environmental impacts;

d) to emphasize that addressing environmental aspects during the development of product standards is a complex process and requires balancing competing priorities;

e) to recommend the use of life cycle thinking and recognized scientific techniques when addressing environmental aspects of a product being standardized.

CEN Guide 4 states that it is supplemented by sectorial guides in order to reflect the diversity of environmental impacts that products may have. This European Standard may be considered as such a sectorial guide, as it considers aluminium products as a product sector for different applications (e.g. vehicles, building, packaging etc.). It is based on the expertise of representatives of the aluminium industry with environmental knowledge.

Depending on the way a European Standard is written, the provisions included and those omitted, the environmental impact of those products and processes may be influenced. The experts writing or revising European Standards should be aware of the relevance of environmental aspects and possible environmental impacts. In order to achieve this, guidance on how to take environmental issues systematically into account should be given.

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