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BSI Standards Publication

Technical product documentation — Design for manufacturing, assembling, disassembling and end-of-life processing

Part 1: General concepts and requirements

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National foreword

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Part 1: General concepts and requirements

Conception et documentation pour la fabrication, le montage, le démontage et le traitement en fin de vie (MADE) —

Partie 1: Concepts généraux, processus et exigences

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Foreword

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This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*.

A list of all parts in the ISO 8887 series can be found on the ISO website.

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Introduction

In recent years, policy makers throughout the world have focused their attention on ways to reduce environmental impact. In many countries, this has led to, or will soon lead to, new incentives with the result that end-of-life processes now need to be considered at the design stage. Consequently, there is an increasing focus on not only the production of a product but also what is to be done when the user has finished with it. Thus, this document includes consideration of disassembling the product and the treatment of the components through processes such as reworking, recycling, reusing or disposing.

This document aims to specify the documentation requirements for integrating these environmental aspects into the design and development of products. It relates to the following four stages:

With regard to production:

— the manufacturing of the components;

— the assembling of the components to produce a product.

With regard to end of use:

— the disassembling into component parts;

— the end-of-life processing of those components.

It addresses the design task, irrespective of whether the designer works for a manufacturer, a design company, or is freelance. It is applicable to all types of manufactured products.

This document expands the life cycle model in ISO 15226 to cover multiple life cycles.

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