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Partie 1: Exigences générales

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Foreword

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This document was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 5, *Ergonomics of the physical environment*.

A list of all parts in the ISO 23456 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Dynamic signs, which provide information with changing spatial and temporal images, are intended to be used for delivering cautions to improve safety in road traffic environments, public buildings, outdoor spaces and factories and for providing prompt and reliable guidance for enhanced convenience in those situations. For static displays, ISO 7010 specifies the adequate size depending on the viewing distance. Currently, most information indicating specific locations and directions within space depends on static signs. The development of dynamic signs is at a practical stage in many countries (see Annex A).

Though the significance, necessity and feasibility of dynamic signs have been recognized, there are currently no International Standards that describe the ergonomic requirements that should be understood by both device manufacturers and content creators. In order to enable this new technology to spread through the marketplace quickly and adequately, it is important that designs that do not take into account the ergonomic characteristics of the information recipient are avoided. Accordingly, this document describes the ergonomic principles for the application of dynamic signs.

This document describes a common set of general requirements for future developments of individual standards, in which numerical criteria of requirements are set depending on the individual target environment.