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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23700-2009

**Ergonomics -- Ergonomics of human-system interaction --
Human-centred lifecycle process descriptions**

人-系统交互人类工效学 以人为中心的生命周期过程描述

(English Translation)

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GB/T 23700-2009/ISO/TR18529:2000 Human - system interaction Ergonomics of human-centered Lifecycle Process Description

1 Scope

This standard specifies the GB/T 18976-2003 "human-centered design of interactive systems described in" human-centered process Canonical model. This model should be used for development and runtime systems for human-centric processes will be specifications, evaluation and improvement.

Note 1: The term of the previous paragraph "norm" refers to the process described in this standard follows the ISO/IEC TR15504 "IT Software Process Assessment" of Regulation Given format, the word should be understood that any mathematical model components or rigor.

Note 2: The difference between this model and GB/T 18976 coverage will be mentioned in the relevant processes (HCD1 HCD7 section 5.2 and 5.8) in.

This standard is intended to provide guidance for those involved in the system, the

hardware design and the software lifecycle process, use and evaluation.

This standard can be used with GB/T 18976-2003 "human-centered design of interactive systems" used together.

Note 3: The copyright exemption procedures described. Users of this standard can be freely copied description contained in this document work processes and outputs, as the evaluation model any part thereof, or any part of the process described compatibility, so that the description for the intended purpose.

2 Normative references the following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

Ergonomic principles GB/T 16251-2008 design of work systems (ISO 6385:2004, IDT)
GB/T 18976-2003 interactive systems human-centered design process (ISO 13407:1999, IDT)

3 Terms and Definitions the following terms and definitions apply to this standard.

The ability of a process to achieve the established goals.

[ISO/IEC TR15504-9]

System involved users, tasks, equipment (hardware, software and materials), physical and social environment.

[GB/T 18978.11]

In product or service transactions business unit, company or other organization.

[ISO/IEC 15288]

Ergonomics human factors knowledge integration proposed in order to make the work, systems, products and environments to adapt to people's physical and mental ability and Bureau Limits, while optimizing productivity and performance to ensure the safety and well-being.

[GB/T 16251]

GB/T 23700-2009/ISO/TR18529:2000