

表1 ISO / TC159 規格、規格原案、関連 JIS 規格一覧(2001. 3.31) (1)

SC1 Ergonomic guiding principles

SC1/WG1 Principles of the design of work systems (Revision of ISO 6385)

ISO 6385:1981 Ergonomic principles in the design of work systems
 CD 6385(rev.) Ergonomic principles in the design of work systems

SC1/WG2 Ergonomic principles related to mental work

ISO 10075:1991 Ergonomic principles related to mental work-load
 –General terms and definitions
 JIS Z 8502:1994 人間工学 - 精神的作業負荷に関する原則 - 用語及び定義
 ISO 10075-2 :1996 Ergonomic principles related to mental work-load –Design principles
 JIS Z 8503:1998 人間工学 - 精神的作業負荷に関する原則 - 設計の原則
 WD 10075-3 Ergonomic principles related to mental work-load
 –Measurement and assessment of mental work-load

SC1/WG4 Usability and its evaluation

WD 20282 Usability of everyday products - Guide for the design and evaluation of
 easy-to-operate everyday products

SC3 Anthropometry and biomechanics

ISO 15534-1:2000 Ergonomics – Access dimensions for the design of machinery
 –Principles for determining the dimensions required for openings for whole
 body access into machinery
 ISO 15534-2:2000 –Principles for determining the dimensions required for access openings
 ISO 15534-3:2000 –Anthropometric data
 FDIS 14738 Anthropometric requirements for the design of workstations at machinery
 DIS 15536-1 Ergonomics – Computer manikins, body templates – General requirements
 DIS 15536-2 Ergonomics – Computer manikins, body templates –Structure and dimensions
 DIS 15537 Principles for selecting and using test persons for anthropometric aspects of
 industrial products and designs
 NP 12892 Ergonomics – Reach envelopes
 NP 20442 Safeguarding crushing points by means of a limitation of the active forces

SC3/WG1 Anthropometry

ISO 7250:1996 Basic human body measurements for technical design
 JIS Z 8500:1994 人間工学 - 人体寸法測定
 JIS Z 8500 人間工学 - 設計のための基本人体測定項目 (改正原案提出)
 DIS 15535 General requirement for establishing anthropometric database
 NP 20685 3D scanning methodologies for internationally compatible anthropometric
 databases

SC3/WG2 Evaluation of working postures

ISO 11226:2000 Ergonomics – Evaluation of static working postures

SC3/WG4 Human physical strength : manual handling and force limits

DIS 11228-1 Ergonomics – Manual handling – Lifting and carrying
 CD 11228-2 Ergonomics – Manual handling – Pushing, pulling and holding
 WD 11228-3 Ergonomics – Manual handling – Handling of low loads at high frequency
 NP 20646 Ergonomic procedures for the improvement of local muscular workloads

表1 ISO/TC159 規格、規格原案、関連 JIS 規格一覧 (2001.3.31) (2)

SC4 Ergonomics of human-system interaction

SC4/WG1 Fundamentals of controls and signalling methods

ISO 1503:1977	Geometrical orientation and directions of movements
JIS Z 8907:1985	方向性及び運動方向通則
ISO 9355-1:1999	Ergonomic requirements for the design of displays and control actuators -Human interactions with displays and control actuators
ISO 9355-2:1999	-Displays
CD 9355-3	-Control actuators
CD 9355-4	-Location and arrangement of displays and control actuators

SC4/WG2 Visual display requirements

ISO 9241-3:1992	Ergonomic requirements for office work with visual display terminals(VDTs) -Visual display requirements
JIS Z 8513:1994	人間工学 - 視覚表示装置を用いるオフィス作業 - 視覚表示装置の 要求事項
ISO 9241-3 : 1992/Amd 1 :2000	Ergonomic requirements for office work with VDTs -Part 3: Visual display -Amendment 1: Annex C(normative): Visual performance and comfort test
ISO 9241-7:1998	-Display requirements with reflections
JIS Z 8517:1999	人間工学 - 視覚表示装置を用いるオフィス作業 - 画面反射に関する 表示装置の要求事項
ISO 9241-8 :1997	Ergonomic requirements for office work with VDTs - Requirements for displayed colours
JIS Z 8518:1998	人間工学 - 視覚表示装置を用いるオフィス作業 - 表示色の要求事項
ISO 13406-1:1999	Ergonomic requirements for work with visual displays based on flat panels -Introduction
JIS Z 8528-1	人間工学 - フラットパネルディスプレイ (FPD)を用いる作業 - 第1部：通則 (原案提出)
FDIS 13406-2	Ergonomic requirements for work with visual displays based on flat panels -Ergonomic requirements for flat panel displays
WD 18789-1	Ergonomics of human system interaction—Ergonomic requirements and measurement techniques for electronic visual display - Introduction
WD 18789-2	- Terms and definitions
WD 18789-3	- Ergonomic requirements
WD 18789-4	- Usability laboratory test methods
WD 18789-5	- Optical laboratory test methods
WD 18789-6	- Workplace test methods
WD 18789-7	- Analysis and compliance methods

SC4/WG3 Control, workplace and environmental requirements

ISO 9241-4:1998	Ergonomic requirements for office work with VDTs—Keyboard requirements
JIS Z 8514:2000	人間工学 - 視覚表示装置を用いるオフィス作業 - キーボードの要求事項
ISO 9241-5:1998	Ergonomic requirements for office work with VDTs -Workstation layout and postural requirements
JIS Z 8515	人間工学 - ワークステーションのレイアウト及び姿勢の要求事項(原案提出)
ISO 9241-6:1999	Ergonomic requirements for office work with VDTs -Guidance on the work environment
ISO 9241-9:2000	-Requirements for non-keyboard input devices

表1 ISO/TC159 規格、規格原案、関連 JIS 規格一覧 (2001.3.31) (3)

WD/TS 16648 –Space organization and workplace layout - Considerations supporting the requirements presented in ISO 9241-6

SC4/WG4 Task requirements

ISO 9241-2:1992 *Ergonomic requirements for office work with VDTs*
 –Guidance on task requirements
 JIS Z 8512:1995 人間工学 - 視覚表示装置を用いるオフィス作業
 - 仕事の要求事項についての指針

SC4/WG5 Software ergonomics and human-computer dialogues

ISO 9241-1:1997 *Amd 1 :2001*
Ergonomic requirements for office work with VDTs
 – Part 1: General introduction –Amendment 1
 ISO 9241-10:1996 – Dialogue principles
 JIS Z 8520:1999 人間工学 - 視覚表示装置を用いるオフィス作業 - 対話の原則
 ISO 9241-11:1998 *Ergonomic requirements for office work with VDTs – Guidance on usability*
 JIS Z 8521:1999 人間工学 - 視覚表示装置を用いるオフィス作業 - 使用性の手引
 ISO 9241-12:1998 *Ergonomic requirements for office work with VDTs*
 –Presentation of information
 ISO 9241-13:1998 *Ergonomic requirements for office work with VDTs – User guidance*
 ISO 9241-14:1997 *Ergonomic requirements for office work with VDTs – Menu dialogues*
 JIS Z 8524:1999 人間工学 - 視覚表示装置を用いるオフィス作業 - メニュー対話
 ISO 9241-15:1997 *Ergonomic requirements for office work with VDTs – Command dialogues*
 JIS Z 8525:2000 人間工学 - 視覚表示装置を用いるオフィス作業 - コマンド対話
 ISO 9241-16:1999 *Ergonomic requirements for office work with VDTs*
 –Direct manipulation dialogues
 ISO 9241-17:1998 *Ergonomic requirements for office work with VDTs – Form filling dialogues*
 JIS Z 8527 人間工学 - 視覚表示装置を用いるオフィス作業
 - フォームフィリング対話(原案提出)
 DIS 14915-1 Software ergonomics for multimedia user interfaces
 –Design principles and framework
 DIS 14915-3 –Selection of media and media combination
 CD 14915-2 –Multimedia control and navigation
 NP 14915-4 –Domain-specific multimedia aspects
 DTS 16071 Ergonomics of human-system interaction
 –Guidance on accessibility for human-computer interfaces

SC4/WG6 Human centred design process for interactive systems

ISO 9241-1:1997 *Ergonomic requirements for office work with VDTs – General introduction*
 JIS Z 8511:1999 人間工学 - 視覚表示装置を用いるオフィス作業 - 通則
 ISO 13407:1999 *Human-centred design processes for interactive systems*
 JIS Z 8530:2000 インタラクティブシステムの人間中心設計過程
 TR 18529:2000 Ergonomics– *Ergonomics of human-system interaction*
 –Human-centred lifecycle process descriptions
 FDTR 16982 Usability methods supporting human-centred design

SC4/WG8 Ergonomic design of control centres

ISO 11064-1:2000 *Ergonomic design of control centres*
 –Principles for the design of control centres
 JIS Z 8503-1 人間工学 - コントロールセンターの設計 - コントロールセンターの設計原則(原案提出)
 ISO 11064-2:2000 *Ergonomic design of control centres*
 – Principles for the arrangement of control suites

表1 ISO/TC159 規格、規格原案、関連 JIS 規格一覧 (2001.3.31) (4)

ISO 11064-3:1999	<i>Ergonomic design of control centres –Control room layout</i>
JIS Z 8503-3:1999	人間工学 - コントロールセンターの設計 - コントロールルームの配置計画
CD 11064-4	<i>Ergonomic design of control centres</i> –Layout and dimensions of workstations
CD 11064-6	–Environmental requirements for control centres
WD 11064-5	–Displays, controls, interactions
WD 11064-7	–Principles for the evaluation of control centres

SC5 Ergonomics of the physical environment

SC5/WG1 Thermal environments

ISO 7243:1989	<i>Hot environments–Estimation of the heat stress on working man, based on the WBGT-index(wet bulb globe temperature)</i>
JIS Z 8540:1999	人間工学 - WBGT (湿球黒球温度) 指数に基づく作業者の熱ストレスの評価
ISO 7726:1998	<i>Ergonomics of the thermal environment</i> –Instruments for measuring physical quantities
ISO 7730:1994	<i>Moderate thermal environments –Determination of the PMV and PPD indices and specification of the conditions for thermal comfort</i>
CD 7730(rev.)	Moderate thermal environments –Determination of the PMV and PPD indices and specification of the conditions for thermal comfort
ISO 7933:1989	<i>Hot environments–Analytical determination and interpretation of thermal stress using calculation of required sweat rate</i>
CD 7933(rev.)	Hot environments - Analytical determination and interpretation of thermal stress using calculation of the predicted heat strain
ISO 8996:1990	<i>Ergonomics–Determination of metabolic heat production</i>
CD 8996(rev.)	Ergonomics–Determination of metabolic heat production
ISO 9886:1992	<i>Evaluation of thermal strain by physiological measurements</i>
DIS 9886(rev.)	Evaluation of thermal strain by physiological measurements
ISO 9920:1995	<i>Ergonomics of the thermal environment</i> –Estimation of the thermal insulation and evaporative resistance of a clothing ensemble
ISO 10551:1995	–Assessment of the thermal environment using subjective judgement scales
ISO 11079:1993	<i>Evaluation of cold environments</i> –Determination of required clothing insulation (IREQ)
CD 11079(rev.)	Evaluation of cold environments –Determination of required clothing insulation (IREQ)
ISO 11399:1995	–Principal and application of International Standards
NP 11399(rev.)	–Principal and application of International Standards
TS 13732-2:2001	<i>Method for the assessment of human responses to contact with surfaces</i> –Human contact with surfaces at moderate temperature.
TS 14415:2000	<i>Ergonomics of the thermal environment</i> –Application of international standards for people with special requirements
FDIS 12894	Ergonomics of the thermal environment –Medical supervision of individuals exposed to hot or cold environment
FDIS 13731	Ergonomics of the thermal environment – Vocabulary and symbols
CD 15265	Ergonomics of the thermal environment –Risk assessment strategy for the prevention of stress or discomfort in thermal working conditions
WD 13732-1	Method for the assessment of human responses to contact with surfaces –Human contact with surfaces at hot temperature
WD 13732-3	–Human contact with surfaces at cold temperature

表 1 ISO/TC159 規格、規格原案、関連 JIS 規格一覧 (2001.3.31) (5)

WD 14505	Ergonomics of the thermal environment –Evaluation of the thermal environments in vehicles
WD 15743	–Working practices for cold environments
NP 15742	Determination at the combined effect of the thermal environment, air pollution, acoustics and illumination on humans

SC5/WG2 Lighting environments

<i>ISO 8995:1985</i>	<i>Principles of visual ergonomics - The lighting of indoor work systems</i>
CD 8995(rev.)	Principles of visual ergonomics - The lighting of indoor work systems

SC5/WG3 Danger signals and communication in noisy environments

<i>ISO 7731:1986</i>	<i>Danger signals for workplaces – Auditory danger signals</i>
CD 7731(rev.)	Danger signals for workplaces – Auditory danger signals
<i>ISO 9921-1:1996</i>	<i>Ergonomic assessment of speech communication</i> – <i>Speech Interference level and communication distances for persons with normal hearing capacity in direct communication (SIL method)</i>
CD 9921(rev.)	Ergonomic assessment of speech communication
<i>ISO 11428:1996</i>	<i>Ergonomics –Visual danger signals –General requirements, design and testing</i>
<i>ISO 11429 :1996</i>	<i>Ergonomics –System of auditory and visual danger and information signals</i>
NP 19358	Ergonomics –Construction and application of tests for speech technology systems