

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

**स्वास्थ्य सूचना विज्ञान — उपकरण इंटरऑपरेबिलिटी
भाग 10101 पॉइंट-ऑफ़-केयर चिकित्सा उपकरण संचार — नामावली
[IS/ISO/IEEE 11073-10101 : 2004 का पहला पुनरीक्षण]**

Draft Indian Standard

**Health Informatics — Device Interoperability
Part 10101 Point-of-Care Medical Device Communication —
Nomenclature**

[First Revision of IS/ISO/IEEE 11073-10101 : 2004]

[ICS 01.040.35; 35.240.80]

Health Informatics Sectional Committee, MHD 17

Last date for comments:
18 July 2024

NATIONAL FOREWORD

(Adoption clause will be added later)

This standard was first published in 2018 and was identical with ISO/IEEE 11073-10101:2004 'Health informatics — Point-of-care medical device communication — Part 10101 : Nomenclature'. The first revision of this standard has been undertaken to align it with the latest version of ISO/IEEE 11073-10101:2020. After publication of this standard, IS/ISO/IEEE 11073-10101:2004 stands withdrawn.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian

Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEEE 11073-10102-2012, Health informatics – Point-of-care medical device communication Part 10102: Nomenclature –Annotated ECG	IS/ISO/IEEE 11073-10102 : 2014, Health Informatics — Point-of-care Medical Device Communication Part 10102 Nomenclature — Annotated ECG	Identical
IEEE 11073-10103-2012, Health informatics--Point-of-care medical device communication Part 10103: Nomenclature--Implantable device, cardiac	IS/ISO/IEEE 11073-10103 : 2014, Health Informatics — Point-of-Care Medical Device Communication Part 10103 Nomenclature — Implantable Device, Cardiac	Identical
ISO/IEEE 11073-10201, Health informatics — Device interoperability — Part 10201: Point-of-care medical device communication — Domain information model	MHD/17/23773, Health Informatics — Device Interoperability Part 10201 Point-of-Care Medical Device Communication — Domain Information Model (<i>First Revision</i>)	Identical
ISO/IEEE 11073-20101, Health informatics — Point-of-care medical device communication — Part 20101: Application profiles — Base standard	IS/ISO/IEEE 11073-20101 : 2004, Health Informatics — Point-of-Care Medical Device Communication Part 20101 Application Profiles — Base Standard	Identical
ISO/IEEE 11073-20601, Health informatics — Device interoperability — Part 20601: Personal health device communication — Application profile — Optimized exchange protocol	MHD/17/23754, Health Informatics — Device Interoperability Part 20601 Personal Health Device Communication — Application Profile — Optimized Exchange Protocol (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10404, Health informatics — Device interoperability — Part 10404: Personal health device communication — Device specialization — Pulse oximeter	MHD/17/23774, Health Informatics — Device Interoperability Part 10404 Personal Health Device Communication — Device Specialization — Pulse Oximeter (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10406, Health informatics — Personal health device communication — Part	IS/ISO/IEEE 11073-10406 : 2012, Health Informatics — Personal Health Device Communication Part	Identical

10406: Device specialization — Basic electrocardiograph (ECG) (1- to 3-lead ECG)	10406 Device Specialization — Basic Electrocardiograph (ECG) (1- to 3-lead ECG)	10406 Device Specialization — Basic Electrocardiograph (ECG) (1- to 3-lead ECG)	10406 Device Specialization — Basic Electrocardiograph (ECG) (1- to 3-lead ECG)	10406 Device Specialization — Basic Electrocardiograph (ECG) (1- to 3-lead ECG)	10406 Device Specialization — Basic Electrocardiograph (ECG) (1- to 3-lead ECG)
ISO/IEEE 11073-10407, Health informatics — Device interoperability — Part Personal health communication — Blood pressure monitor	Health Device 10407: device Device	MHD/17/23775, Health Informatics — Device Interoperability Part 10407 Personal Health Device Communication — Device Specialization — Blood Pressure Monitor (<i>First Revision</i>)	MHD/17/23775, Health Informatics — Device Interoperability Part 10407 Personal Health Device Communication — Device Specialization — Blood Pressure Monitor (<i>First Revision</i>)	MHD/17/23775, Health Informatics — Device Interoperability Part 10407 Personal Health Device Communication — Device Specialization — Blood Pressure Monitor (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10408, Health informatics — Device interoperability — Part Personal health communication — Thermometer	Health Device 10408: device Device	MHD/17/23776, Health Informatics — Device Interoperability Part 10408 Personal Health Device Communication — Device Specialization — Thermometer (<i>First Revision</i>)	MHD/17/23776, Health Informatics — Device Interoperability Part 10408 Personal Health Device Communication — Device Specialization — Thermometer (<i>First Revision</i>)	MHD/17/23776, Health Informatics — Device Interoperability Part 10408 Personal Health Device Communication — Device Specialization — Thermometer (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10415, Health informatics — Device interoperability — Part Personal health communication — Weighing scale	Health Device 10415: device Device	MHD/17/23777, Health Informatics — Device Interoperability Part 10415 Personal Health Device Communication — Device Specialization — Weighing Scale (<i>First Revision</i>)	MHD/17/23777, Health Informatics — Device Interoperability Part 10415 Personal Health Device Communication — Device Specialization — Weighing Scale (<i>First Revision</i>)	MHD/17/23777, Health Informatics — Device Interoperability Part 10415 Personal Health Device Communication — Device Specialization — Weighing Scale (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10417, Health informatics — Personal health device communication — Part 10417: Device specialization — Glucose meter	Health device communication — Part 10417: Device specialization — Glucose meter	IS/ISO/IEEE 11073-10417 : 2017, Health Informatics — Personal Health Device Communication Part 10417 Device Specialization — Glucose Meter	IS/ISO/IEEE 11073-10417 : 2017, Health Informatics — Personal Health Device Communication Part 10417 Device Specialization — Glucose Meter	IS/ISO/IEEE 11073-10417 : 2017, Health Informatics — Personal Health Device Communication Part 10417 Device Specialization — Glucose Meter	Identical
ISO/IEEE 11073-10418, Health informatics — Personal health device communication — Part 10418: Device specialization — International Normalized Ratio (INR) monitor	Health device communication — Part 10418: Device specialization — International Normalized Ratio (INR) monitor	IS/ISO/IEEE 11073-10418 : 2014, Health Informatics — Personal Health Device Communication Part 10418 Device Specialization: International Normalized Ratio (INR) Monitor	IS/ISO/IEEE 11073-10418 : 2014, Health Informatics — Personal Health Device Communication Part 10418 Device Specialization: International Normalized Ratio (INR) Monitor	IS/ISO/IEEE 11073-10418 : 2014, Health Informatics — Personal Health Device Communication Part 10418 Device Specialization: International Normalized Ratio (INR) Monitor	Identical
ISO/IEEE 11073-10419, Health informatics — Personal health device communication — Part 10419: Device specialization — Insulin pump	Health device communication — Part 10419: Device specialization — Insulin pump	MHD/17/23778, Health Informatics — Personal Health Device Communication Part 10419 Device Specialization — Insulin Pump (<i>First Revision</i>)	MHD/17/23778, Health Informatics — Personal Health Device Communication Part 10419 Device Specialization — Insulin Pump (<i>First Revision</i>)	MHD/17/23778, Health Informatics — Personal Health Device Communication Part 10419 Device Specialization — Insulin Pump (<i>First Revision</i>)	Identical
ISO/IEEE 11073-10420, Health informatics — Device interoperability — Part Personal health communication —	Health Device 10420: device Device	MHD/17/23779, Health Informatics — Device Interoperability Part 10420 Personal Health Device Communication — Device Specialization — Body	MHD/17/23779, Health Informatics — Device Interoperability Part 10420 Personal Health Device Communication — Device Specialization — Body	MHD/17/23779, Health Informatics — Device Interoperability Part 10420 Personal Health Device Communication — Device Specialization — Body	Identical

specialization — Body composition analyzer	Composition Analyser	(<i>First Revision</i>)	
ISO/IEEE 11073-10421, Health informatics — Personal health device communication — Part 10421: Device specialization — Peak expiratory flow monitor (peak flow)	IS/ISO/IEEE 11073-10421 : 2012, Health Informatics — Personal Health Device Communication Part 10421 Device Specialization — Peak Expiratory Flow Monitor (Peak Flow)		Identical
ISO/IEEE 11073-10422, Health informatics — Personal health device communication — Part 10422: Device specialization — Urine analyser	IS/ISO/IEEE 11073-10422 : 2017, Health Informatics — Personal Health Device Communication Part 10422 Device Specialization — Urine Analyser		Identical
ISO/IEEE 11073-10424, Health informatics — Personal health device communication — Part 10424: Device specialization — Sleep apnoea breathing therapy equipment (SABTE)	IS/ISO/IEEE 11073-10424 : 2016, Health informatics — Personal Health Device Communication Part 10424 Device Specialization — Sleep Apnoea Breathing Therapy Equipment (SABTE)		Identical
ISO/IEEE 11073-10425, Health informatics — Personal health device communication — Part 10425: Device specialization — Continuous glucose monitor (CGM)	MHD/17/25054, Health Informatics - Personal Health Device Communication Part 10425 Device Specialization - Continuous Glucose Monitor CGM (<i>First Revision</i>)		Identical
ISO/IEEE 11073-10427, Health informatics — Personal health device communication — Part 10427: Device specialization — Power status monitor of personal health devices	IS/ISO/IEEE 11073-10427 : 2018, Health Informatics — Personal Health Device Communication Part 10427 Device Specialization — Power Status Monitor of Personal Health Devices		Identical
ISO/IEEE 11073-10441, Health informatics — Personal health device communication — Part 10441: Device specialization — Cardiovascular fitness and activity monitor	IS/ISO/IEEE 11073-10441 : 2015, Health Informatics — Personal Health Device Communication Part 10441 Device Specialization — Cardiovascular Fitness and Activity Monitor		Identical
ISO/IEEE 11073-10442, Health informatics — Personal health device communication — Part 10442: Device specialization — Strength fitness equipment	IS/ISO/IEEE 11073-10442 : 2015, Health Informatics — Personal Health Device Communication Part 10442 Device Specialization — Strength Fitness Equipment		Identical
ISO/IEEE 11073-10471, Health informatics — Personal health	IS/ISO/IEEE 11073-10471 : 2010, Health Informatics — Personal		Identical

device communication — Part	Health Device Communication Part
10471: Device specialization -	10471 Device Specialization —
Independant living activity hub	Independent Living Activity Hub

ISO/IEEE 11073-10472, Health Informatics — Personal health device communication — Part 10472: Device specialization — Medication monitor	IS/ISO/IEEE 11073-10472 : 2012, Identical Health Informatics — Personal Health Device Communication Part 10472 Device Specialization — Medication Monitor
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The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

International Standard Title

ISO/IEC 8824 (all parts) Information technology — Abstract Syntax Notation One (ASN.1)

ISO/IEC 8825 (all parts) Information technology — ASN.1 encoding rules

ISO/IEC 9596-1 Information technology — Open Systems Interconnection — Common management information protocol — Part 1: Specification

Scope

This standard defines a nomenclature for communication of information from point-of-care medical devices. Primary emphasis is placed on acute care medical devices and patient vital signs information. The nomenclature also supports concepts in an object-oriented information model that is for medical device communication.

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer to ISO/IEEE 11073-10101:2020 or kindly contact:

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