

APPENDIX AA
ADOPTION PROPOSAL FORM

CPR183/F12

KENYA BUREAU OF STANDARDS

Document Type:	Adoption proposal	
Dates:	Circulation date	Closing date
	18-04-2024	18-05-2024
TC Secretary	This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Micah Rachuonyo, rachuonyom@kebs.org	

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below:

1. **Number:** ISO 639:2023

Title: Code for individual languages and language groups

Scope:

This document specifies the ISO 639 language code and establishes the harmonized terminology and general principles of language coding. It provides rules for the selection, formation, presentation and use of language identifiers as well as language reference names. It also gives provisions (i.e. principles, rules and guidelines) for the selection, formation and presentation of language names in English and French. Furthermore, it introduces provisions for the adoption of standardized language code elements using language names other than English or French.

In addition, this document gives guidance on the use of language identifiers and describes their possible combination with identifiers of other codes.

Note:

This version cancels and replaces all the earlier editions and parts.

2. **Number:** ISO 8601-1:2019

Title: Date and time, Representations for information interchange, Part 1: Basic rules

Scope:

This standard specifies representations of dates of the Gregorian calendar and times based on the 24-hour clock, as well as composite elements of them, as character strings for use in information interchange. It is also applicable for representing times and time shifts based on Coordinated Universal Time (UTC).

This standard excludes the representation of date elements from non-Gregorian calendars or times not from the 24-hour clock. The standard does not address character encoding of representations specified in the standard.

3. **Number:** ISO 8601-2:2019

Title: Date and time Representations for information interchange Part 2: Extensions

Scope:

This standard specifies additional representations of dates of the Gregorian calendar and times based on the 24-hour clock that extend the basic rules and composite elements of those defined in ISO 8601-1. These representations are specified as character strings for use in information interchange. It is also applicable for representing times and time shifts based on Coordinated Universal Time (UTC).

These extensions include:

- uncertain or approximate dates, or dates with portions unspecified;
- extended time intervals;
- divisions of a year;
- sets and choices of calendar dates;
- grouped time scale units;
- repeat rules for recurring time intervals; and
- date and time arithmetic.

This standard excludes the representation of date elements from non-Gregorian calendars, or times not from the 24-hour clock. The standard does not address character encoding of representations specified in the standard.

4. **Number:** ISO/IEEE 11073-10404:2022

Title: Health informatics — Device interoperability — Part 10404: Personal health device communication — Device specialization — Pulse oximeter

Scope:

This standard establishes a normative definition of communication between personal telehealth pulse oximetry devices and compute engines (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This document defines a common core of communication functionality for personal telehealth pulse oximeters.

5. **Number:** ISO/IEEE 11073-10407:2022

Title: Health informatics — Device interoperability — Part 10407: Personal health device communication — Device specialization — Blood pressure monitor

Scope:

This standard establishes a normative definition of communication between personal telehealth blood pressure monitor devices and compute engines (e.g., cell phones, personal computers, personal health appliances, and set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting

optionality in base frameworks in favor of interoperability. The standard defines a common core of communication functionality for personal telehealth blood pressure monitors.

6. **Number:** ISO/IEEE 11073-10408:2022

Title: Health informatics — Device interoperability — Part 10408: Personal health device communication — Device specialization — Thermometer

Scope:

This standard establishes a normative definition of communication between personal telehealth thermometer devices and compute engines (e.g., cell phones, personal computers, personal health appliances, and set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. The standard defines a common core of communication functionality for personal telehealth thermometer devices.

7. **Number:** ISO/IEEE 11073-10415:2022

Title: Health informatics — Device interoperability — Part 10415: Personal health device communication — Device specialization — Weighing scale.

Scope:

This document establishes a normative definition of communication between personal telehealth weighing scale devices and compute engines (e.g., cell phones, personal computers, personal health appliances, and set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for personal telehealth weighing scales.

8. **Number:** ISO/IEEE 11073-10420:2022

Title: Health informatics — Device interoperability — Part 10420: Personal health device communication — Device specialization — Body composition analyzer

Scope:

This standard establishes a normative definition of the communication between personal body composition analyzer agents and managers (e.g., cell phones, personal computers, personal health appliances, set-top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments to restrict optionality in base frameworks in favor of interoperability. This document defines a common core of communication functionality for personal telehealth body composition analyzers. In this context, the phrase “body composition analyzer” is used broadly to cover analyzing devices that measure body impedances and compute the various body components including body fat from the impedance.

9. **Number:** ISO/IEEE 11073-20601:2022

Title: Health informatics — Device interoperability — Part 20601: Personal health device communication — Application profile — Optimized exchange protocol

Scope:

This standard defines an optimized exchange protocol and modeling techniques to be used by implementers of personal health devices to create interoperability between device types and vendors. This document establishes a common framework for an abstract model of personal health data available in transport-independent transfer syntax required to establish logical connections between systems and to provide presentation capabilities and services needed to perform communication tasks. The protocol is optimized to personal health usage requirements and leverages commonly used methods and tools wherever possible.

We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

Adoption proposal not acceptable because of the reason(s) below

Name and Signature (of respondent):

Position (of respondent):

On behalf of

(Name of organization)

Date

NOTE: Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote.**