



BSI Standards Publication

Rescue systems - Transportation of incubators

Part 1: Interface requirements

National foreword

This British Standard is the UK implementation of EN 13976-1:2018. It supersedes BS EN 13976-1:2011, which will be withdrawn on 31 December 2019.

The UK participation in its preparation was entrusted to Technical Committee CH/239, Rescue systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Rescue systems - Transportation of incubators - Part 1: Interface requirements

Systèmes de sauvetage - Transport d'incubateurs -
Partie 1: Exigences d'interface

Rettungssysteme - Inkubatortransport - Teil 1:
Schnittstellenanforderungen

This European Standard was approved by CEN on 10 January 2018.

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European foreword

This document (EN 13976-1:2018) has been prepared by Technical Committee CEN/TC 239 “Rescue systems”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2018, and conflicting national standards shall be withdrawn at the latest by December 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA which is an integral part of this document.

This document supersedes EN 13976-1:2011.

The following point represents the most important technical change in the revision:

- clarified ambiguous and unclear issues in order to improve interchangeability and interoperability of the transport incubator system when transported in hospitals and between hospitals using different ambulances and air crafts, by specifying the interface for mechanical fixation, gas connector and electrical connector

EN 13976 consists of the following parts, under the general title *Rescue systems — Transportation of incubators*:

- *Part 1: Interface requirements*
- *Part 2: System requirements*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This European Standard gives the requirements for the interfaces required in the transport of a transport incubator system. The standard includes interfaces between the incubator and the ambulance as well as those between the various items of equipment used to form the transport incubator system. They are essential in order to ensure interchangeability and a safe and effective function in different vehicles, allowing the uninterrupted care of infants. Interface requirements are given in this part 1 (EN 13976-1). Requirements for the system are given in part 2 (EN 13976-2).

Fixation, monitoring, supply of gas and electricity are maintained through the use of the same standard interfaces as defined in this document.