



MALAYSIAN STANDARD

MS IEC 60364-7-710:2021

**Low-voltage electrical installations – Part 7-710:
Requirements for special installations or
locations – Medical locations (First revision)
(IEC 60364-7-710:2021, IDT)**

ICS: 29.020; 91.140.50

Descriptors: low-voltage electrical installations, requirements, special installations or locations, medical locations

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DEPARTMENT OF STANDARDS MALAYSIA

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Committee representation

The National Standards Committee on Medical Devices and Facilities for Healthcare (NSC 18) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Albukhary International University
Association of Malaysian Medical Industries
Biomedical Engineering Association Malaysia
Department of Atomic Energy
Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Institute for Medical Research
Malaysia Medical Device Association
Malaysia Medical Device Manufacturers Association
Malaysian Investment Development Authority
Malaysian Medical Association
Malaysian Nuclear Agency
Malaysian Organisation of Pharmaceutical Industries
Malaysian Rubber Board
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Medical Device Authority (Ministry of Health Malaysia)
Ministry of Investment, Trade and Industry
Universiti Kebangsaan Malaysia
Universiti Teknologi Malaysia
SIRIM QAS International Sdn Bhd

The Technical Committee on Code of Practice for Medical Devices and Healthcare Facilities (NSC 18/TC 10) which recommended the adoption of the ISO standard as Malaysian Standard consists of representatives from the following organisations:

Biomedical Engineering Association Malaysia
Department of Standards Malaysia (Secretariat)
Edgenta Mediserve Sdn Bhd
Engineering Services Division (Ministry of Health Malaysia)
Independent Experts
KPJ Healthcare Berhad
Malaysia Medical Device Association
Malaysian Medical Association
Malaysian Public Works Department
Malaysian Society for Quality in Health
Medical Device Authority (Ministry of Health Malaysia)
Medical Electronic Engineering Association Malaysia
Medinvest Sdn Bhd
Pusat Perubatan Universiti Kebangsaan Malaysia
Pusat Perubatan Universiti Malaya
Radicare (M) Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Sains Malaysia
Universiti Teknologi Malaysia

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National foreword

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Technical Committee on Code of Practice for Medical Devices and Healthcare Facilities (NSC 18/TC 10) under the authority of the National Standards Committee on Medical Devices and Facilities for Healthcare (NSC 18).

This Malaysian Standard is identical with IEC 60364-7-710:2021, *Low-voltage electrical installations – Part 7-710: Requirements for special installations or locations – Medical locations*, published by the International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, “this International Standard” should read “this Malaysian Standard”;
- b) the comma which is used as a decimal sign (if any), to read as a point;
- c) the basis IEC 60364-7-710 is printed in English and French. However, only the English version is retained in this Malaysian Standard; and
- d) reference to the International Standards should be replaced by equivalent Malaysian Standards as follow:

Referenced International Standards

Corresponding Malaysian Standards

IEC 60364-1:2005, *Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions*

MS IEC 60364-1:2007(CONFIRMED:2015), *Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions (Second revision)* (IEC 60364-1:2005, IDT)

IEC 60364-4-41:2005, *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock*

MS IEC 60364-4-41:2007 (CONFIRMED:2015), *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock (Second revision)* (IEC 60364-4-41:2005, IDT)

IEC 60364-5-51:2005, *Electrical installations of buildings – Part 5-51: Selection and erection of electrical equipment – Common rules*

MS IEC 60364-5-51:2007 (CONFIRMED:2015), *Electrical installations of buildings – Part 5-51: Selection and erection of electrical equipment – Common rules (Second revision)* (IEC 60364-5-51:2005, IDT)

IEC 60947-6-1, *Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment*

MS IEC 60947-6-1:2012, *Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment* (IEC 60947-6-1:2005, IDT)

National foreword (*continued*)

Referenced International Standards

IEC 61558-2-15, *Safety of transformers, reactors, power supply units and combinations thereof – Part 2-15: Particular requirements and tests for isolating transformers for the supply of medical locations*

Corresponding Malaysian Standards

MS IEC 61558-2-15:2007, *Safety of transformers, power supply units and similar – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations* (IEC 61558-2-15:1999, IDT)

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21 – 1:2005.