



MALAYSIAN STANDARD

MS 838:2007

CODE OF PRACTICE FOR RADIATION PROTECTION - MEDICAL X-RAY DIAGNOSIS (FIRST REVISION)

ICS: 13.280

Descriptors: code of practice, medical diagnosis, radiation protection, x-ray

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Committee representation

The Medical Devices Industry Standards Committee (ISC R) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Malaysian Medical Industries
Biomedical Engineering Association Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Institute for Medical Research
Institut Penyelidikan Teknologi Nuklear Malaysia
Lembaga Perlesenan Tenaga Atom
Malaysian Medical Association
Malaysian Medical Devices Association
Malaysian Organization of Pharmaceutical Industry
Ministry of Health Malaysia
Persatuan Pengguna-pengguna Standard Malaysia
Pharmaceutical Association of Malaysia
Radiation Physics, Biophysics and Medical Physics Sub-Group of Institute of Physics Malaysia
SIRIM QAS International Sdn Bhd (Product Certification Section)
Universiti Kebangsaan Malaysia (Faculty of Allied Health Sciences)
Universiti Teknologi Malaysia (Faculty of Science)

The Technical Committee on Diagnostic and Therapeutic Radiation, which recommends the revision of this Malaysian Standard consists of representatives from the following organisations:

Academy of Medicine Malaysia
Biomedical Engineering Association Malaysia
Institut Penyelidikan Teknologi Nuklear Malaysia
Lembaga Perlesenan Tenaga Atom
Malaysian Medical Association
Malaysian Society of Radiographers
Ministry of Health Malaysia (Engineering Services Division)
Radiation Physics, Biophysics and Medical Physics Sub-Group of Institute of Physics Malaysia
SIRIM Berhad (Secretariat)
Universiti Malaya
Universiti Teknologi Malaysia

FOREWORD

This Malaysian Standard was reviewed by the Technical Committee on Diagnostic and Therapeutic Radiation under the authority of the Medical Devices Industry Standards Committee. Some amendments had been made to the original MS 838:1985 Code of Practice for Radiation Protection (Medical X-ray Diagnosis) requirements of current development and practices enforced in Malaysia.

This Malaysian Standard cancels and replaces the whole MS 838:1985.

In the preparation of this standard, references had been made to the Diagnostic Reference Levels in Medical Imaging: Review and Additional Advice, International Commission on Radiological Protection (ICRP) and the Atomic Energy Licensing Act 1984 (Act 304) and Regulations.

Among the significant technical changes that have been made in this standard are the addition of requirements for shielding such as installation of lead lined door, lead glass and lead sheet and listing of reference levels for various diagnostic medical applications.

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