



NEGARA BRUNEI DARUSSALAM

**BRUNEI DARUSSALAM STANDARD
PIAWAI BRUNEI DARUSSALAM**

**PBD IEC 60364-5-55: 2010
IEC 60364-5-55
Edition 1.2 2008-10**

**ELECTRICAL INSTALLATIONS OF BUILDINGS -
PART 5-55: SELECTION AND ERECTION OF ELECTRICAL
EQUIPMENT - OTHER EQUIPMENT**

**ENERGY DIVISION, PRIME MINISTER'S OFFICE
IN COLLABORATION WITH MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM**

FOREWORD

This Brunei Darussalam Electrical Standard was prepared by the Technical Committee on Electrical Standards (TECO), Energy Division at Prime Minister's Office in collaboration with the Authority for Building and Construction Industry (ABCI), Ministry of Development, Brunei Darussalam with the objective of developing the National Electrical Standards for electrical products, systems, equipments and facilities for the local industry and consumers with reference to international standards, guidelines and procedures. In developing the national electrical standards, the aim is to promote quality, technical integrity, health, safety and environmental standards for the local industries and consumers.

This Brunei Darussalam Electrical Standard is an adoption of the International Electro Technical Commission IEC 60364-5-55: 2008 (Edition 1.2) standard and implements it as the Brunei Darussalam National Standard.

Attention is drawn to the fact that this Brunei Darussalam Electrical Standard does not confer any immunity from legal obligations in any contract for compliance to the Standard.

The National Electrical Standards are subject to periodical review according to the current needs of the local industries and consumers to keep abreast of progress in the industries and consumers concerned. Suggestions of amendments will be recorded and in due course brought to the notice of the committees concerned.

COMMITTEE MEMBERS

The Technical Committee on Electrical Standards (TECO) was tasked by the Energy Division at the Prime Minister's Office in collaboration with the Authority for Building and Construction Industry (ABCI), Ministry of Development, Brunei Darussalam for the preparation of this Brunei Darussalam Electrical Standard. The members of the Technical Committee are as follows:

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| 1. Awg Haji Abd Shawal Yaman
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| 2. Awg Liaw Wai Khiong
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Institution of Engineering and Technology,
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| 3. Pg Shaharuddin Pg Haji Yusoff
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| 4. Awg William Voon
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| 12. Awg Haji Ismit Haji Mohamad | Institut Teknologi Brunei |
| 13. Awg Matyassin Haji Masri | Maktab Kejuruteraan Jefri Bolkiah |
| 14. Awg Sylvester Kong | Brunei Shell Petroleum Co. Sdn Bhd |
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| 16. Awang Aristoteles Momin | Brunei LNG Sdn Bhd |
| 17. Awg Rick Liaw | Hamzah Hassan Consultant |

SUB-COMMITTEE NO. 5 MEMBERS

The Sub-Committee No. 5 (SC5) is the working groups for the Electrical Wiring Code of Practice who assisted in the preparation for the adoption of the Brunei Darussalam Electrical Standard. The members of the Sub-Committee No. 5 are :

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| 1. Awg William Voon
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| 14. Awg Tan Tau Minn | SEC Mashibah Sdn Bhd |



IEC 60364-5-55

Edition 1.2 2008-10

PIAWAI BRUNEI DARUSSALAM – BRUNEI DARUSSALAM STANDARD

INTERNATIONAL STANDARD

**Electrical installations of buildings –
Part 5-55: Selection and erection of electrical equipment – Other equipment**

IEC 60364-5-55:2001+A1:2001+A2:2008

PBD IEC 60364-5-55: 2010 (Published by IEC in 2008)
**This IEC International Standard has been adopted by CPRU, Ministry of Development,
Negara Brunei Darussalam as a national standard under the IEC Affiliate Country Programme**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATIONS OF BUILDINGS –

**Part 5-55: Selection and erection of electrical equipment –
Other equipment**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60364-5-55 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

According to a unanimous decision by the Committee of Action (CA/1720/RV (2000-03-21)), the restructured parts of IEC 60364 have not been submitted to National Committees for approval.

The text of this first edition of IEC 60364-5-55 is compiled from and replaces

- part 5-551, first edition (1994),
- part 5-559, first edition (1999),
- part 5-56, first edition (1980) and its amendment 1 (1998), and
- part 3, second edition (1993), its amendment 1 (1994) and its amendment 2 (1995).

This consolidated version of IEC 60364-5-55 consists of the first edition (2001), its amendment 1 (2001) [documents 64/1190/FDIS and 64/1201/RVD] and its amendment 2 (2008) [documents 64/1591/CDV and 64/1627RVC].

The technical content is therefore identical to the base edition and its amendments and has been prepared for user convenience.

It bears the edition number 1.2.

A vertical line in the margin shows where the base publication has been modified by amendments 1 and 2.

Annex A is for information only.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

ELECTRICAL INSTALLATIONS OF BUILDINGS –**Part 5-55: Selection and erection of electrical equipment –
Other equipment****550 Introduction****550.1 Scope**

This part of IEC 60364 covers requirements for the selection and erection of low-voltage generating sets and for the selection and erection of luminaires and lighting installations intended to be part of the fixed installation.

550.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050(195) *International Electrotechnical Vocabulary – Part 195: Earthing and protection against electric shock*

IEC 60050(826), *International Electrotechnical Vocabulary – Part 826: Electrical installations of buildings*

IEC 60079 (all parts), *Electrical apparatus for explosive gas atmospheres*

IEC 60245-3, *Rubber insulated cables – Rated voltages up to and including 450/750 V – Part 3: Heat resistant silicone insulated cables*

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

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

IEC 60364-4-42, *Electrical installations of buildings – Part 4-42: Protection for safety – Protection against thermal effects*

IEC 60364-4-43, *Electrical installations of buildings – Part 4-43: Protection for safety – Protection against overcurrent*

IEC 60364-5-53, *Electrical installations of buildings – Part 5-53: Selection and erection of electrical equipment – Isolation, switching and control*

IEC 60364-7-712, *Electrical installations of buildings – Part 7-712: Requirements for special installations or locations – Solar photovoltaic (PV) power supply systems*

IEC 60364-7-717, *Electrical installations of buildings – Part 7-717: Requirements for special installations or locations – Mobile or transportable units*

IEC 60417 (all parts), *Graphical symbols for use on equipment*

IEC 60598 (all parts), *Luminaires*

IEC 61140, *Protection against electric shock – Common aspects for installation and equipment*