

**DRAFT SAINT LUCIA NATIONAL STANDARD**

**DNS/IEC 62552-3:2015**

**HOUSEHOLD REFRIGERATING APPLIANCES —  
CHARACTERISTICS AND TEST METHODS — PART 3: ENERGY  
CONSUMPTION AND VOLUME (IEC 62552-3:2015, IDT)**

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Saint Lucia Bureau of Standards, (2018)

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**THIS IS AN IDENTICAL ADOPTION OF INTERNATIONAL  
ELECTROTECHNICAL COMMISSION STANDARD, IEC 62552-3: 2015**

## GENERAL STATEMENT

The Saint Lucia Bureau of Standards was established under the Standards Act (No. 14 of 1990) and started operations on 01 April 1991. A broad-based 15-member Standards Council directs the affairs of the Bureau.

The Standards Act gives the Bureau the responsibility to develop and promote standards and codes of practice for products and services for the protection of the health and safety of consumers and the environment as well as for industrial development in order to promote the enhancement of the economy of Saint Lucia. The Bureau develops standards through consultations with relevant interest groups. In accordance with the provisions of the Standards Act, public comment is invited on all draft standards before they are declared as Saint Lucia National Standards.

The Bureau also administers the Metrology Act No. 17 of 2000. This legislation gives the Bureau the responsibility to regulate all weights and measures and to manage and co-ordinate the metrication of Saint Lucia.

The Bureau operates a Product Certification Scheme applicable to all products for which national standards exist. If a product satisfies all the requirements for certification, a licence to carry the **Saint Lucia Standard Mark** is issued to the manufacturer of the product. The presence of the mark on a product indicates that the product conforms to all the requirements of a specific national standard and assures consistent quality (of the product) to the consumer.

The Bureau is a member body of the International Organisation for Standardisation (ISO), an affiliate member of the International Electrotechnical Commission (IEC) and a member of the CARICOM Regional Organisation for Standards and Quality (CROSQ) and the Pan American Standards Commission (COPANT). The Bureau is the local agent for several foreign standards bodies such as the British Standards Institution (BSI) and the ASTM International (formerly known as the American Society for Testing and Materials). The Bureau serves as the enquiry point for the World Trade Organisation (WTO) on matters pertaining to the Technical Barriers to Trade (TBT) Agreement. The Bureau also serves as the National CODEX Alimentarius enquiry point with responsibility for coordinating national positions on CODEX matters.

In accordance with good practice for the adoption and application of standards, Saint Lucia National Standards are subject to review every five years. Suggestions for improvements are always welcomed at any time after publication of the standard.

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*AMENDMENTS ISSUED SINCE LAST PUBLICATION*

<b>Amendment No.</b>	<b>Date of issue</b>	<b>Type of Amendment</b>	<b>Text(s) Affected</b>

DRAFT - ENQUIRY STAGE MARCH 2018

ATTACHMENT PAGE FOR SLBS AMENDMENT SHEET

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**TECHNICAL COMMITTEE FOR ELECTRICAL AND ELECTRONICS**

The following persons comprised the Technical Committee responsible for overseeing the adoption of this standard:

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**Representing**

Saint Lucia Electricity Services

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Edgar Stephen (Technical Secretary)

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## **National foreword**

This newly adopted national standard *SLNS/ IEC 62552-3:2015* is an identical adoption of *IEC 62552-3:2015 Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume*. This version was adopted by the national Standards Council as an identical IEC standard on....

The adoption of this standard originated out of a regional initiative of by the CARICOM Regional Organization for Standards and Quality (CROSQ). This initiative was geared towards promotion energy efficiency and its larger inherent benefits by establishing standards for performance measurement and characteristics. A project committee created specifically for the creation and adoption of performance standards for refrigerators was put together, comprising representatives from CROSQ member states, with Saint Lucia serving as the Secretariat. The IEC series of standards *62552 Parts 1-3* have been identified and declared as regional standards.

A refrigerator (colloquially fridge) is a popular household appliance that consists of a thermally insulated compartment and a heat pump (mechanical, electronic or chemical) that transfers heat from the inside of the fridge to its external environment so that the inside of the fridge is cooled to a temperature below the ambient temperature of the room. Refrigeration is an essential food storage technique in developed countries like Saint Lucia. The lower temperature lowers the reproduction rate of bacteria, so the refrigerator reduces the rate of spoilage. A refrigerator maintains a temperature a few degrees above the freezing point of water. A similar device that maintains a temperature below the freezing point of water is called a freezer.

This part of IEC 62552 describes the methods for the determination of energy consumption characteristics and defines how these can be assembled to estimate energy consumption under different usage and climate conditions. This part of IEC 62552 also defines the determination of volume.

This publication is to be read in conjunction with *SLNS/ IEC 62552-1: 2015* and *SLNS/ IEC 62552-2: 2015*.

Throughout the text of this standard where reference is made to “International Standard” it shall be taken to mean “National Standard” having been adopted as a Saint Lucia National Standard without deviation.

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