

TRINIDAD AND TOBAGO STANDARD

COMPULSORY

ELECTRIC FANS

PCTTS/UL 507: 20XX

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Public Comment

GENERAL STATEMENT

The Trinidad and Tobago Bureau of Standards (the Bureau) is a body corporate established under the authority of the Standards Act No. 18 of 1997 (herein after referred to as the Standards Act).

In accordance with the Standards Act, the Bureau shall promote and encourage the development and maintenance of standards and further shall establish standards for the following: to improve goods produced or used in Trinidad and Tobago; to ensure industrial efficiency and development; to promote public and industrial welfare, health and safety; and to protect the environment.

The Bureau develops standards through consultation with relevant interest groups, and public comment is invited on all draft standards before they are declared as Trinidad and Tobago Standards in accordance with the provisions of the Standards Act.

The Bureau is the legal custodian of Trinidad and Tobago Standard Marks, which are issued in accordance with the Standards Act. When a Trinidad and Tobago Standard Mark appears on any product, or in connection with any service, process or practice, it provides assurance that such a product, service, process or practice conforms to a Trinidad and Tobago Standard.

The Bureau's Standards Information Centre maintains a reference library of standards, including local, regional and international standards and is the national node of the International Organization for Standardization Information Network (ISONET). The Centre also acts as the sales agent for the publications of foreign and international standards organizations.

NOTE In order to keep abreast of progress in the industries concerned, Trinidad and Tobago Standards are subject to periodic review. Suggestions for improvements are welcome.

AMENDMENTS ISSUED SINCE PUBLICATION

AMENDMENT NO.	DATE OF ISSUE	TEXT AFFECTED

Public Comment

ATTACHMENT PAGE FOR TTBS AMENDMENT SHEETS

Public Comment

TRINIDAD AND TOBAGO STANDARD
ELECTRIC FANS

The Committee responsible for the adoption of this Trinidad and Tobago Standard is as follows:

NATIONAL TECHNICAL COMMITTEE FOR ELECTRICAL ENGINEERING
(ELECTRICAL CODE COMMITTEE)

Members

Mr Alvin Lutchman

(Chairman)

Mr Colin Baksh

Mr Roopnarine Beeka

Mr Narine Charran

Mr Shaun Chase

Mr Lawrence De Freitas

Mr Hugh Gaskin

Mr Ian Lee

Mr Lyndon Lindsay

Mr Sham Mahabir

Mr Peter Sammy

Mr Cavallo Sebastien

Mr John Phillip
Mr Hayden Batson

Ms Nadita Ramachala

(Technical Secretary)

Representing

University of the West Indies, Faculty of Engineering, Department of Electrical and Computer Engineering.

Electrical Industries Limited

Occupational Safety and Health Agency

Ministry of Public Utilities

Trinidad and Tobago Electricity Commission

Board of Engineering of Trinidad and Tobago

Electricians' Association of Trinidad and Tobago

Power-Lite Products Limited

Industrial Engineering Systems Limited

Shamco Limited

Design Engineering Services Limited

Engineering Consultants Limited

Ministry of Public Utilities, Electrical Inspectorate.

Trinidad and Tobago Bureau of Standards

National foreword

This specification was declared a Trinidad and Tobago Standard on _____, after the adoption agreed upon by the National Technical Committee for Electrical Engineering had been approved by the Bureau.

This Trinidad and Tobago Standard is an adoption of the ninth edition, dated December 13, 1999 of UL 507 UL Standard for Safety for Electric Fans which contains revisions through and including September 27, 2007.

The Trinidad and Tobago Bureau of Standards has recommended that this standard be compulsory to protect the consumer or user against danger.

This standard has been adopted to specify minimum levels of quality and performance of electric fans and the relevant test methods, in order to assist with assessing compliance.

This standard will be effective as a compulsory standard on a date to be notified by the Minister responsible for trade and industry in a Notice to be published in the Trinidad and Tobago Gazette, as required by the Standards Act.

Revisions of UL Standards for Safety are issued periodically. The Trinidad and Tobago Bureau of Standards is responsible for updating its adoptions of UL Standards as the UL Standards are revised, to ensure that Trinidad and Tobago Standards are current and valid.

Acknowledgment is hereby given to United Laboratories Inc. (UL) for permission to adopt the ninth edition, dated December 13, 1999 of UL 507, UL Standard for Safety for Electric Fans which contains revisions through and including September 27, 2007.

Although the editorial style and layout of the UL 507 Standard does not conform to that of Trinidad and Tobago Standards, it has been approved as suitable for publication as a Trinidad and Tobago Standard.

Technical deviations to the original standard necessary to make the provisions relevant to Trinidad and Tobago are given on page viii.

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National deviations

Clause 1 Scope

1 In the last sentence of clause 1.1, replace “National Electrical Code, ANSI/NFPA 70” with “National Electrical Code, ANSI/NFPA 70 or TTS 171: Part 1: 2002, *Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1 (2007))*”.

Clause 13.1 General

2. In clause 13.1.1, replace “National Electrical Code, ANSI/NFPA 70-1999” with “National Electrical Code, ANSI/NFPA 70-1999 or TTS 171: Part 1: 2002, *Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1 (2007))*”.

Clause 13.2 Knockouts and openings

3. In clause 13.2.1, replace “National Electrical Code, ANSI/NFPA 70-1999” with “National Electrical Code, ANSI/NFPA 70-1999 or TTS 171: Part 1: 2002, *Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1 (2007))*”.

Clause 13.3 Field-wiring compartments

4. In item b) of clause 13.3.2, replace “National Electrical Code, ANSI/NFPA 70-1999” with “National Electrical Code, ANSI/NFPA 70-1999 or TTS 171: Part 1: 2002, *Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1 (2007))*”.

Clause 62.1 General

5. In the list in clause 62.1.1, add a new item e) as follows:

e) country of origin.

Clause 64A Installation instructions

6. In clause 64A.2, replace “National Electrical Code, ANSI/NFPA 70-1999” with “National Electrical Code, ANSI/NFPA 70-1999 or TTS 171: Part 1: 2002, *Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1 (2007))*”.

Clause 159 Markings

7. In the list in clause 159.1, add a new item f) as follows:

f) country of origin.

8. **Add a new clause 179 entitled “Compliance” as follows:**

179 Compliance

179.1 In order to demonstrate compliance with this Trinidad and Tobago Standard, electric fans shall be accompanied by:

- a) a certification mark; or
- b) relevant documentation

acceptable to the Trinidad and Tobago Bureau of Standards.

NOTE In the event that there is no certification mark, a certificate of conformity or test certificate to this Trinidad and Tobago Standard may be accepted subject to the approval of the Trinidad and Tobago Bureau of Standards.

52.2 In the event that electric fans are manufactured to a standard different to this Trinidad and Tobago Standard, the electric fans shall be functionally compatible with *the TTS 171: Part 1: 2002, Trinidad and Tobago Electrical Wiring Code: Part 1: Low voltage installations (including Amendment 1(2007))*. Such electric fans shall be accompanied by:

- a) a certification mark (or relevant documentation), acceptable to the Trinidad and Tobago Bureau of Standards, to demonstrate compliance to the standard to which the electric fans have been manufactured; and
- b) documentation to demonstrate functional compatibility with TTS 171: Part 1: 2002 (including Amendment 1 (2007)).

NOTE 1 It is recommended that pre-shipment approval be sought from the Trinidad and Tobago Bureau of Standards.

NOTE 2 In the event that there is no certification mark, a certificate of conformity or test certificate to a standard recognized by the Trinidad and Tobago Bureau of Standards may be accepted.