

## AMENDMENT 1 (Issued in 2007)

TTS 171: Part 1: 2002

Trinidad and Tobago Electrical Wiring Code: Part 1: Low Voltage Installations

Replace **Clause 5.28 Colour coding** with the following:

### **5.28 Colour coding**

#### **5.28.1 Single phase system**

Conductors of a single-phase, three-wire system shall conform to the following colour code:

- a) Ground – Green or green with yellow stripes;
- b) Neutral – Grey;
- c) Line 1 – Brown; and
- d) Line 2 – Black.

#### **5.28.2 Three-phase system**

Conductors connected to poles or busbars of a multi-core branch circuit of a distribution board for 115/230 V or 230/400 V systems shall conform to the following colour code:

- a) Ground – Green or green with yellow stripes;
- b) Neutral – Grey;
- c) Phases of an a.c. star or delta supply;
  - i. Diagrammatic clockwise sequence – brown, black, blue;
  - ii. Busbar alignment in phase sequence (left to right) - brown, black, blue (facing front);
  - iii. Busbar alignment in phase sequence (top to bottom) – brown, black, blue.
- d) Phases of an a.c. delta supply with one phase centre-tapped – brown, black, blue (left to right) with brown and black for lighting etc and blue the third phase; and grey for centre-tapped neutral.

#### **5.28.3 Secondary wiring for metering equipment**

The secondary wiring on three-phase voltage transformers or three-phase current transformers which are associated with the metering at low voltage or high voltage shall conform to the requirements of 5.28.2.

#### **5.28.4 Identification of conductors**

Every single-core cable and every core of a twin or multi-core cable shall be identified by the appropriate colours, or by application of the appropriate colours by taping or tagging.