



Certificate of Compliance

Certificate: 1101326 (LL 112007)

Master Contract: 188794

Project: 1868262

Date Issued: 2007/01/18

Issued to: Shenzhen Baohing Electric Wire &
Cable Mfg. Co., Ltd.
Buchong Tongfuyu Industry Area
Shajing Rd, Shajing St
Baoan District
Shenzhen, Guangdong 518104
China
Attention: Mr. Yu Yanqiang

The products listed below are eligible to bear the CSA Mark shown



Issued by: Brian Harmer, C.E.I.

Authorized by: Nick Alfano, Operations
Manager

PRODUCTS

CLASS 5831 01 - WIRES - Flexible Cord

Flexible Cords Types SPT-1, NISPT-1, SPT-2, NISPT-2 and SPT-3, rated 60°C, 75°C, 90°C & 105°C, 300V, FT-1 or FT-2, Types SVT, SJT, SJTW, rated 60°C, 75°C, 90°C & 105°C, 300V, FT-1 or FT-2 and Types ST, STW, rated 60°C, 75°C, 90°C & 105°C, 600V, FT-1 or FT-2, with PVC insulated and jacket (where applicable).

Note: The flexible cords above may be marked "VW-1"

APPLICABLE REQUIREMENTS



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CSA Standard C22.2 No 49-06 - Flexible Cords and Cables



Supplement to Certificate of Compliance

Certificate: 1101326

Master Contract: 188794

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
1868262	2007/01/18	Update to C22.2 No. 49-06 and Certification Notice Wire & Cable No. 128
1851873	2006/11/28	Update project 1724231 to include temperature rating of 75C and 90C to current products
1724231	2006/02/13	Corrections to Report 1594932
1594932	2005/01/11	Alternate compound: Flexible Cord Types SPT-1, SPT-2, SPT-3, SVT, SJT, ST

History

1594932	2005/01/11	Alternate compound: Flexible cord Types SPT-1, SPT-2, SPT-3, SVT, SJT, ST.
1485142	2003/10/23	Addition of bonding conductor, Types SPT-1, SPT-2, and SPT-3.
1122573	2000/10/23	Addition of Types SJT, ST, clear jacket, Types SPT-1, SPT-2, SPT-3, 2-conductor clear colour, SPT-1, SPT-2, Non-integral, clear colour.
1109687	2000/09/06	Addition of Types SJTW, STW rated 60C and 105C, FT1 or FT2.
1101326	2000/06/13	Addition of clear colour for jacket compound of Type SVT rated 105C.
-1 FT1 or FT2.	1998/06/15	Original Certification of Types SPT-1, SPT-2, SPT-3, SVT, SJT & ST, 60c & 105c,

MASTER CONTRACT: 188794

REPORT: 1101326

PROJECT: 1868262

- Edition 1:** June 15, 1998; Application No LL 112007-1 - Toronto
Issued by B. Harmer, C.E.I.
- Edition 2:** June 13, 2000; Project 1101326 - Toronto
Issued by B. Harmer, C.E.I.
- Edition 5:** October 23, 2003; Project 1485142 - Toronto
Issued by B. Chippel, P. Eng.
- Edition 6:** January 11, 2005; Project 1594932 - Toronto
Issued by B. Chippel, P. Eng.
- Edition 7:** February 9, 2006; Project 1724231 - Toronto
Issued by B. Chippel, P. Eng.
- Edition 8:** November 28, 2006; Project 1851873 - Toronto
Issued by K. Nguyen; Reviewed by U. Weisz, P. Eng.
- Edition 9:** January 18, 2007; Project 1868262 - Toronto
Issued by B. Harmer, C.E.I.

Report pages reissued

Contents: Certificate of Compliance - Pages 1 to 2
Supplement to Certificate of Compliance - Page 1
Description and Tests - Pages 1 to 18

PRODUCTS

CLASS 5831 01 - WIRES - Flexible Cord

Flexible Cords Types SPT-1, NISPT-1, SPT-2, NISPT-2 and SPT-3, rated 60°C, 75°C, 90°C & 105°C, 300V, FT-1 or FT-2, Types SVT, SJT, SJTW, rated 60°C, 75°C, 90°C & 105°C, 300V, FT-1 or FT-2 and Types ST, STW, rated 60°C, 75°C, 90°C & 105°C, 600V, FT-1 or FT-2, with PVC insulated and jacket (where applicable).

Note: The flexible cords above may be marked "VW-1"

APPLICABLE STANDARDS

CSA Standard C22.2 No 49-06 - Flexible Cords and Cables

This report shall not be reproduced, except in full, without the approval of CSA International.

MARKINGS

On the Product

Finished products shall be durably and legibly marked with the following information at intervals of not more than 0.6 m:

- manufacturer's name, tradename or other acceptable means (eg: legacy file "LL 112007");
- type designation;
- maximum temperature rating (see note 1);
- the number of conductors and size in mm² (AWG) (see note 1);
- voltage rating (see note 1);
- for types SPT-1, SPT-2 and SPT-3 three conductor constructions, the term "Green conductor for grounding only"
- the flame classification; and
- the CSA Logo or word mark "CSA".

The above markings shall be surface printed, embossed or indent printed.

On the Package

Each spool or coil shall be tagged or marked with the following information:

- manufacturer's name;
- date of manufacture by month and year;
- applicable type designation;
- the number of conductors and size in mm² (AWG) (see note 1);
- for Type SPT-2 cords having conductors composed of 0.51mm² (30 AWG) strands, the wording "FOR USE IN GENERAL USE EXTENSION CORD SETS ONLY";
- For Type SPT-1 using size 0.519mm² (20 AWG) conductors, the wording "NOT FOR RETAIL SALE TO THE PUBLIC" and
- voltage rating; and
- the CSA Flexible Cord label or authorized use of the CSA Label Licencing Service.

Notes:

1. The following information is required on all cords and cables manufactured as of June 30, 2008:
 - a) temperature rating "60°C" where so rated;
 - b) applicable voltage rating; and
 - c) the "mm²" size marking in addition to and preceding the AWG size. This pertains to both Product and Package Markings. (See Report Description for particulars)
2. Jurisdictions in Canada may require markings to be also in French. It is the responsibility of the Manufacturer to provide bilingual marking.

ALTERATIONS

1. All markings as detailed above.
2. The minimum insulation thickness at any point after separation shall not be less than 0.33mm for Type

SPT-1, 0.69mm for Type SPT-2 and 1.01mm for Type SPT-3.

FACTORY TESTS

1. Continuity – all constructions
2. Spark test – per Table 45 of the referenced Standard.

PROJECT HISTORY:

1. LL 112007-1: Types SPT-1, SPT-2, SPT-3, SVT, SJT & ST. Compounds: Men Wai Plastic Cat No. 8080 & 8105, in all colours except clear and translucent (insulation & jacket), temperature rated at 60C & 105C.
2. Project 1101326: Type SVT. Compound: Men Wai Plastic Cat No. 8105, clear colour (jacket), temperature rated at 105C.
3. Project 1109687: Types SJTW & STW. Compounds: Men Wai Plastic Cat No. 8080 & 8105, in all colours except clear and translucent (insulation & jacket), temperature rated at 60C & 105C.
4. Project 1122573: Types SJT & ST. Compound: Men Wai Plastic Cat No. 8105, clear colour (jacket), temperature rated at 105C.
Types SPT-1, SPT-2, SPT-3. Compound: Men Wai Plastic Cat No. 8105, clear colour (insulation), temperature rated at 105C.
Types NISPT-1 & NISPT-2. Compound: Men Wai Plastic Cat No. 8105, clear colour (insulation & jacket), temperature rated at 105C.
5. Project 1485142: Green colour bonding conductor. Compound: Men Wai Plastic Cat No. 8105 (insulation), temperature rated at 105C.
6. Project 1594932: Types SPT-1, SPT-2, SPT-3, SVT, SJT & ST. Compound: Legend Plastic Cat No. EPL-94V, in all colours except clear and translucent (insulation & jacket), temperature rated at 105C.
7. Project 1851873: Types SPT-1, SPT-2 & SPT-3. Compound: Men Wai Plastic Cat No. 8105, clear colour (insulation), temperature rated at 75C & 90C.
Types NISPT-1, NISPT-2, SVT, SJT & ST. Compound: Men Wai Plastic Cat No. 8105, clear colour (jacket), temperature rated at 75C & 90C.
Types SJTW & STW. Compound: MenWai Plastic Cat No. 8105, in all colours except clear and translucent (jacket), temperature rated at 75C & 90C.
Types SPT-1, SPT-2, SPT-3, SVT, SJT, ST. Compound: Legend Plastic Cat No. EPL-94V, in all colours except clear and translucent, temperature rated at 75C & 90C.
8. Project 1868262: Update all constructions to CSA C22.2 No. 49-06.

DESCRIPTION

Construction