

Certificate of Compliance

Certificate: 2223419 (LR 96406-4)

Master Contract: 178434

Project: 2223419

Date Issued: May 26, 2010

Issued to: Cooper MEDC Ltd.
Colliery Rd
Nottingham
Pinxton, NG16 6JF
United Kingdom
Attention: Brian Taylor

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



Scott Wallace

Issued by: Scott Wallace

PRODUCTS

CLASS 3428 03 - FIXTURES AND FITTINGS - For Hazardous Locations

Class I Group D, Type 4:

Series SM87 Range Beacons and Status Lights for use in Hazardous locations; rated 24Vdc, 48Vdc 110Vac, 220Vac, 254Vac (ac models are 50/60Hz). SM87-HXB 25W max; SM87-LU1 10W (ac) and 5W (dc) max; SM87-LU3 48W max.

Model Code:

SM87a-b-c-d-e-f-g-h-i

a=Model (HXB, LU1 or LU3)

b=Certification (C=CSA)

c=Voltage (024, 048, 110, 120, 240 or 254)

d=Lens Color (R, B, G, A, Y or C)



CSA INTERNATIONAL

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e=Lens Guard (N or Y)

f=Entries (1, 2, 3, 4, T, B, R, and/or L)

g=Tag/Duty Label (N or Y - not relevant for this certification)

h=Other Options (N or Y - not relevant for this certification)

i=Unit Finish (R, B, Y, X, G, W or S - not relevant for this certification)

Notes: Maybe coupled together with terminal box Model SM87-JB

APPLICABLE REQUIREMENTS

- CAN/CSA C22.2 No. 0-M91 (*Reaffirmed 2006*) - General Requirements - Canadian Electrical Code, Part II
- CSA/CSA C22.2 No. 94-M91 - Special Purpose Enclosures
- CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- CSA Std C22.2 No. 137-M1981 - Electric Luminaires for Use in Hazardous Locations – Industrial Products
- *CSA Std C22.2 No. 205-M1983 (*Reaffirmed 2004*) - Signal Equipment - Consumer and Commercial Products

*Standard was used on SM87-HXB series models only.

MARKINGS

The following markings appear on 22 SWG 316 stainless steel metal nameplate, secured to the outside of the enclosure with drive pins or screws, into bottomed holes.

- Manufactures name and/or master contract number: "MEDC" and/or "178434"
- CSA Monogram; As specified on the Certificate of Compliance
- Model Number; As specified in the PRODUCTS section above
- Date code/serial number
- Type of lamp and size
- Enclosure Type 4
- Complete electrical ratings: (Volts, Amps, Watts, Frequency)
- Hazardous locations designation; As specified in the PRODUCTS section above
- Warning; "OPEN CIRCUIT BEFORE RELAMPING." and "OUVRIR LE CIRCUIT AVANT DE CHANGER LES LAMPES"



CSA INTERNATIONAL

Supplement to Certificate of Compliance

Certificate: 2223419

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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
2223419	May 26, 2010	Update to report LR 96406-4 to include three new PCBs and add/replace old drawings. Model HX was removed since it wasn't being sold anymore. There were no physical changes of the enclosure or lens.

History

LR 96406-4 August 25, 1993 – Original Certification - Series SM87 Range Beacons and Status Lights for Class I Group D and ENC 4.