



Certificate of Compliance

Certificate: 1616386 (LR 47837)

Master Contract: 165544

Project: 2502812

Date Issued: March 8, 2012

Issued to: **Clark-Reliance Corporation**

**16633 Foltz Industrial Pky
Strongsville, OH 44149
USA
Attention: Steve McGuigan**

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



Richard Dibler Jr

Issued by: Richard Dibler Jr

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I, Div. 1, Groups B, C, and D; Class II, Groups E, F, and G:

- Models EPL-100 or EPL-316, (LumaStar) rated 120/240Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. J500.32. Temperature code T4.
- NightStar Illuminator rated 120/240Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. M500.140. Temperature code T4.
- DuraStar LED Illuminator rated 120/240 Vac, 50/60Hz, 250 mA, Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. R500.E240A Temperature code T4, Ta = -40°C to +77°C.
- Simpliport Illuminator, input rated 120/240 Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. R5400 Temperature code T4, Ta = -40°C to +77°C.



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- Phaeton SL/HL Series Illuminator, input rated 120/240 Vac, 50/60Hz, 250 mA, Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. T500.7 Temperature code T4, Ta = -40°C to +77°C.
 - Phaeton XTL Series Xtreme Illuminator, rated 120/240Vac, 50/60Hz, 1/0.5 A. Containing explosion proof power supply P/N TA4991 with intrinsically safe system connections to LEDs when connected per drawing no. T500.6. Temperature Code T4, Tamb = -40 to +50 °C.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II

CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CSA Std. C22.2 No. 142-M1987 - Process Control Equipment

CSA Std. C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

MARKINGS

Markings are silkscreen on metal nameplate with the following information:

- Manufacturers name "Clark Reliance", or CSA Master Contract number "165544" adjacent the CSA Mark, in lieu of manufacturers name.
- Model designation, as specified in the PRODUCTS section, above.
- Complete electrical rating, as specified in the PRODUCTS section, above.
- Maximum ambient temperature rating, as specified in the PRODUCTS section, above.
- Date code / Serial number traceable to month and year of manufacture.
- The CSA mark, as shown on the Certificate of Compliance.
- Hazardous Location designation, as specified in the PRODUCTS section, above.
- Temperature code, as specified in the PRODUCTS section, above.
- The designation: "[Exia]" on the installation drawing for the power supply.
- The words "Associated Equipment" on the installation drawing for the power supply.
- Reference to Installation Instructions

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



Supplement to Certificate of Compliance

Certificate: 1616386

Master Contract: 165544

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 |
|----------------|-------------------|---|
| 2502812 | March 8, 2012 | Update to Report 1616386 to include updated drawings. |
| 2366567 | November 11, 2010 | Update to Report 1616386 to add new model EPL-316 and to update drawing per FIR. |
| 2334008 | October 12, 2010 | Update to Report 1616386 to make corrections per customer's request. |
| 2272313 | February 23, 2010 | Update report to add new LED Config. & receptacle |
| 2061197 | September 2, 2008 | Revised I.S. Power supply, include higher rated electrical components, added alt. enclosures and added models EPL-100 (LumaStar) and NightStar. |
| 1986873 | March 12, 2008 | Update to cover alt. model Phaeton XTL - I.S. |
| 1820455 | August 25, 2006 | Update to Report to Add Alt. Model "Simpliport" |
| 1799737 | June 13, 2006 | Update to Report to Add Alt. Model "DuraStar" |

History

1616386 November 7, 2005 Original Certification