



Certificate of Compliance

Certificate Number: LR 99480-20

Revision: LR 99480-26

Date Issued: 15 January 1998

Issued To: R. Stahl Schaltgeräte GmbH
Bergstraße 2
Postfach 12 63
D-74653 Künzelsau
Germany

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

Issued By: Scott Friel, EIT.
Edmonton, Alberta Canada

Signature

CLASS

3218 01 - INDUSTRIAL CONTROL EQUIPMENT - Custom Built For Hazardous Locations

PRODUCTS

Ex e II ; IP66; Suitable -50°C to 40°C.
Class II, Division 1 and 2, Groups EFG
Class III

- 8215/5 Control Signal Station

NOTE

- (1) The above equipment may also bear the optional marking shown below.
- (2) Additional marking will be included once internal components have been installed.
- (3) The 8125 Control stations can also be fitted with blue terminal for use with Intrinsically Safe circuits.



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APPLICABLE REQUIREMENTS

Technical Information Letter TIL E-24 - Clarification of Marking Requirements for Electrical Equipment Certified to the requirements of IEC 79 Series Standards, C22.2 Series Standards, or both.

CSA Standard CAN/CSA E79-0	-	Electrical apparatus for explosive gas atmospheres. General requirements.
E79-7	-	Electrical apparatus for explosive gas atmospheres. Increased safety.
E1241	-	Electrical apparatus for use in the presence of combustible dust.

MARKINGS

Each apparatus will bear a nameplate permanently secured to the outside of the enclosure, visible after installation, containing the following information:

- Submittor's name, trademark, or the CSA file number (adjacent the CSA Mark).
- Catalogue or Model designation, a Serial number and/or date code, traceable to the month and year (at least) of manufacture
- Complete electrical rating (amps, hertz, and volts).
- Complete hazardous location designation, including Temperature Code and CSA Enclosure designation. These markings may include:

Ex e II, IP66;
Class II, Groups EFG, Class III;
CSA Enclosure Type 3, 4, 4x;

or optionally the following,

Class I, Div 2, Groups ABCD; CSA Encl Type 3, 4 or 4X
Class I, Zone 1, Groups II; CSA Encl Type 3, 4 or 4X
Class I, Zone 1, Ex e II, IP66;

additional marking appropriate to the contents of the 8125/5 will be applied.

- The CSA Mark.
- Cautions, warnings and additional markings as may be required (French markings are optional except in the Province of Quebec);
 - Where repair is possible, the warning:

"WARNING- EXPLOSION HAZARD- SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.";

or

"WARNING- EXPLOSION HAZARD- SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, ZONE 1";
 - General caution:

"WARNING- EXPLOSION HAZARD- DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.";

or the equivalent.



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Required Method of Marking

The marking shall be permanent, such as embossed, moulded, edged or stamping to the material of the enclosure/component, or accepted pressure sensitive adhesive type label or metal nameplate.

Factory Tests

The equipment at the conclusion of manufacture, prior to shipment, shall withstand for one minute without breakdown, the application of the following ac potentials:

- 1) 1000 Vac plus twice the rated voltage between low voltage circuits and non-current carrying parts.
- 2) 1000 Vac plus twice the rated voltage between low voltage circuits and other low voltage or extra-low voltage circuits if such circuits leave or enter the enclosure.
- 3) 500 Vac between extra-low voltage circuits and non-current carrying parts if such circuits leave or enter the enclosure.

Notes:

- 1) As an alternative, potentials of 20 percent higher may be applied for one second.
- 2) The required dielectric strength test may be made by applying a dc potential, providing it is 1.414 times the ac test potential.
- 3) Capacitors in the extra-low voltage circuits may be disconnected during the dielectric test.
- 4) The routine Static Test is not required, under the IEC 79-7 standard, for components with less than 10 cm³, or components that have been tested for certification at a static pressure of four (4) times the reference pressure.

Warning

The factory tests specified may present a hazard of injury to personnel and/or property, and should be performed by persons knowledgeable of such hazards, and under conditions designed to minimize the possibility of injury



Supplement to Certificate of Compliance

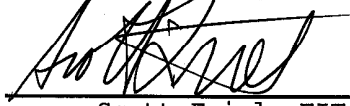
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Product Certification History

Revision	Date	Description
-20	Septmeber 30, 1997	Original Certification of the 8125/5 Series of Explosion Protected Control/Distribution Stations.
-26	January 15, 1998	Corrections to the -20 file.

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

Signature



Scott Friel, EIT
Edmonton, Alberta Canada