

# Certificate of Compliance

Certificate Number **20091116-E182378**  
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*Issued to:* **R STAHL SCHALTGERAETE GMBH**  
AM BAHNHOF 30  
74638 WALDENBURG, GERMANY

*This is to certify that representative samples of* Types 8040, 8125/5, 8146/5 control stations for use in Class I, Zone 1, AEx e II and Ex e II Hazardous Locations.

Type 8040, 8125/5, 8146/5 control stations for use in Class I, Zone 1, AEx de IIC and Ex de IIC Hazardous Locations.

These control stations are also Complementary Listed as Control Stations for use in hazardous locations (NOIV, NOIV7) for Class II, Division 2, Groups F and G; Class III.

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1604 - STANDARD FOR ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2, AND CLASS III HAZARDOUS (CLASSIFIED) LOCATIONS - Edition 3RD - Revision Date 2004/02/03.

UL 60079-0 - ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES - PART 0: GENERAL REQUIREMENTS - Edition 4 - Issue Date 2005/08/15.

UL 60079-1 - ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES - PART 1: FLAMEPROOF ENCLOSURES 'D' - Edition 1 - Issue Date 2002/12/02.

UL 60079-7 - EXPLOSIVE ATMOSPHERES - PART 7: EQUIPMENT PROTECTION BY INCREASED SAFETY 'E' - Edition 1 - Issue Date 2002/12/02.

CSA C22.2 NO. 14 - INDUSTRIAL CONTROL EQUIPMENT - Edition 10 - Issue Date 2005/04/01.

CSA E60079-0:02 - ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES- PART 0: GENERAL REQUIREMENTS - Edition 1 - Issue Date 2002/03/01.

CSA E60079-1:02 - ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES - PART 1: FLAMEPROOF ENCLOSURES "D"-SECOND EDITION - Edition 2 - Issue Date 2002/01/01

CSA E60079-7:03 - ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES - PART 7: INCREASED SAFETY "E" - Edition 3 - Issue Date 2003/10/01

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**Standard(s) for Safety: (Cont.)** CSA C22.2 NO. 157 - INTRINSICALLY SAFE AND NON-INCENDIVE EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS - Edition 3 - Revision Date 2006/01/01.  
UL 508 - STANDARD FOR INDUSTRIAL CONTROL EQUIPMENT - Edition 17 - Revision Date 2008/09/19.

**Additional Information:** The enclosure consists of a cover and body with guide rails. The control station and parts completing the control station enclosure have been evaluated to protection method AEx e, and Ex e, increased safety. When internal components utilizing the flameproof protection method are used the control station shall also be marked to indicate "d".

Electrical ratings are marked according to the minimum ratings of devices mounted inside the enclosure.

## MARKINGS:

The following items are permanently marked on the exterior of each unit using R/C (PGJ12) corrosion resistant polyester foil suitable for the temperature Class.

- Electrical Ratings in Volts and Amps
- Designation of Hazardous Locations and Protection Methods, and temperature code: Class I, Zone 1, AEx e II and Ex e II. Class I, Zone 1, AEx de IIC and Ex de IIC. . Additional methods of protection are marked depending on installed components. "Additional methods of protection are marked depending on installed components. For example, if an encapsulated pilot light is included, the overall control station will be marked Class I, Zone1, AEx dem IIC Ex dem IIC."
- Operating Temperature Code


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## *Additional Information: (Cont.)*

- Environmental Protection Type 3, 4, 4X, IP66, may also be marked "Watertight."
- The word "CAUTION," followed by the following or equivalent: "De-energize before opening."
- May be marked "Class I, Division 2, Groups A, B, C and D" by equivalency.

Only those products bearing the UL Classification Mark for the U.S. and Canada should be considered as being covered by UL's Classification and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Classification Mark includes: the UL in a circle symbol:  with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) as indicated in the appropriate UL Directory. The UL Classification Mark for

Canada includes: the UL Classification Mark for Canada:  with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) in English, French, or English/French as indicated in the appropriate UL Directory.

**Look for the UL Classification Mark on the product**

Issued by: **Russell L. Filip**  
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Underwriters Laboratories Inc.

Reviewed by: **Paul T. Kelly**  
Paul T. Kelly, Lead Operations Manager  
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