



# AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

|                   |                                      |                      |                                      |
|-------------------|--------------------------------------|----------------------|--------------------------------------|
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**Party Authorized To Apply Mark:** Same as Manufacturer  
**Report Issuing Office:** Cortland, New York

**Control Number:** 4003551      **Authorized by:** \_\_\_\_\_  
for Dean Davidson, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

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# AUTHORIZATION TO MARK

Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.  
(UL 1203 Ed. 5 Dated November 22,2013).

Explosion-Proof Enclosures for Use in Class I Hazardous Locations General Instruction No 1-2 (R2012)  
(CAN/CSA C22.2#30 Issue:1986/11/01 General Instruction No.2 1988, Reaffirmed 2012).

Enclosures for Use in Class II Groups E, F, and G Hazardous Locations General Instruction No 1 (R1992) ( CSA C22.2#25  
Issue:1966/01/01 Reaffirmed :1992)

Enclosures for Electrical Equipment, Non-Environmental Considerations. (UL50 Twelfth Edition, Dated September 4, 2007)

Enclosures for Electrical Equipment, Environmental Considerations (UL 50E First Edition, Dated September 4, 2007)

Bonding of electrical equipment (CAN/CSA C22.2 No. 0.4-04; June 2004; approved February 2006 General Instruction No.2  
2008/10/01)

**Standard(s):** Threaded Conduit Entries (CAN/CSA C22.2 No. 0.5-1982 Reaffirmed: 2012)

Explosive atmospheres – Part 0: Equipment – General requirements, UL 60079-0 ( Sixth Edition, Dated July 26, 2013)

Explosive atmospheres — Part 0: Equipment — General requirements (CAN/CSA-C22.2 No. 60079-0:11 December 2011)

Explosive atmospheres - Part 1: Equipment Protection by Flameproof Enclosures 'd', UL 60079-1 (Edition: 6 Edition Date: April 10,  
2009 Rev: 2013/8/9)

Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures "d" (CAN/CSA-C22.2 No. 60079-1:11  
Rev:2013/8/9 Ed 2)

Explosive atmospheres — Part 31 : Equipment dust ignition protection by enclosure "t"  
(CAN/CSA C22.2 No. 60079-31:12, January 2012)

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
ANSI/ISA-60079-31 (12.10.03)-2013

**Product:**

Electric Solenoid Coil For use in  
 Class I Division 1 Group ABCD T4  
 Class II Division 1 Group EFG T4  
 Class III Division 1 Group EFG T4  
 Class I Zone 1 AEx d IIC Gb T4  
 Class II Zone 21 AEx tb IIIC Db T4  
 Ex d IIC Gb T4  
 Ex tb IIIC Db T4  
 Enclosure NEMA 4X  
 Model 60X18 coil evaluated for T6 temperature code also with ambient of -40°C to +40°C.

**Brand Name:** HAZ-LOC® coil

## AUTHORIZATION TO MARK

EX-I40X13-12-DC-40-T4-D (HAZLOC® ALL MODELS)

EX: Hazardous Location

I or M: indicating ½" NPT or M20x1.5

40x13: Body length x tube/tubus diameter

**Models:**

12: Voltage (range from 12 VDC ...240 VDC & 24 VAC ... 240 VAC)

DC: DC or AC or TVS (which is DC with TVS diode)

40: Ambient temperature rating (+40°C/+90 °C)

T4: Temperature code T4

G or D: indicating the gas or dust atmosphere.