[1]	Equipment or Protective System intended for use
	in Potentially Explosive Atmospheres Directive 94/9/EC
[3]	EC-Type Examination Certificate Number: DEMKO 08 ATEX 0726203
[4]	Equipment or Protective System: HART Communicator, Model 4150X
[5]	Manufacturer: Meriam Process Technologies
[6]	Address: 10920 Madison Ave., Cleveland, Ohio 44102 USA
[7]	This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
[8]	UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential report no. 07NK26203
[9]	Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 50014: 1997 E incl. A1+A2 EN 50020: 2002 EN 60079-26:2007
[10]	If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
[11]	This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.
[12]	The marking of the equipment or protective system shall include the following:
	On behalf of UL International Demko A/S Herlev, 2008-02-29 Revised: 2008-06-23 Jan-Erik Storgaard Certification Manager

UL International Demko A/S

Lyskaer 8, P.O. Box 514 DK-2730 Herlev, Denmark Telephone: +45 44856565 Fax: +45 44856500 Certificate: 08 ATEX 0726203

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[13]	Schedule							
[14]	EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 08 ATEX 0726203							
[15]	Description of Equipment or The Model 4150X is a portal communicator, used in the p enclosure containing two circ boot over the plastic enclosur 4 1/4 in. by 2 in. Consists of keypad and square graphics. enclosure. Temperature range The ambient temperature ran <u>Electrical data</u> The device is powered by six <u>Manufacturer</u> Duracell Duracell Varta Hart Terminals: Ui : 30V dc Ii < 100mA Ci : 0uF Li : 0mH <u>Installation instructions</u> See Special Conditions for Sa <u>Mounting instructions</u> The device is portable. <u>Routine tests</u> None.	ole, hand-held I rocess control a suit boards and e. The plastic of two molded has The HART ter oge is: $-5^{\circ}C \leq T$ batteries in seri Part No. MN1500 PC1500 4906	HART (Highway-And instrumentatio six AA batteries. T enclosure has appro- alves secured toget minals and RS232 a < 50°C	n field. The de The device is pr oximate overall her by 6 screws port are locate	evice consists of an rovided with a rubber dimensions of 9 in. by the enclosure has a ed at the top of the with the following:			
[16]	 [16] <u>Report No.</u> Project Report No.: 07NK26203 (Hazardous Location Testing) 08NB21041 Drawings: 							
	Description:		Drawing No.:	Rev. Level:	Date:			
	Schematic, MFC Main (6 pa	ges)	9S000028	В	2007-12-03			
	Assy, MFC Main (3 pages)		9B000029	С	2008-02-05			
Lysk	International Demko A/S aer 8, P.O. Box 514 2730 Herlev, Denmark	Certificate: 08 ATEX 0726203 Report: 08NB21041			An Affiliate of P2/ Underwriters	3		
Tele	phone: +45 44856565		ay only be reproduced in any change, schedule in		Laboratories Inc. $_{\circ}$			

[13]		Schedule					
[14]	EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 08 ATEX 0726203						
	MFC PCB Bare Board	9P000088	A	2007-11-09			
	MFC ATEX Main Board (16 page	s) 9P00088PN01	А	2007-11-07			
	Assy, Final MFC ATEX	9R000064	В	2008-02-13			
	Battery Door, MFC ATEX	Z4150-8	IR	2007-12-03			
	Mesh Window, MFC 4150	Z4150-6	В	2008-02-19			
	Main Keypad (2 pages)	26203-00	E	2007-11-28			
	Side Keypad	26381-00	В	2007-08-28			
	User Manual (40 pages)	9R000053	В	2008-04			
	Certification Namplate	9P000140	С	2008-02-13			
	Graphics Display Board	SH-950	А	1995-10-13			
[17]	Special conditions for safe use: None Essential Health and Safety Requir Concerning ESR this Schedule ve Declaration of Conformity declare Additional information The Model 4150X has in addition EN60529: 1991+A1:2001. The manufacturer shall inform the documentation as described in AN Council of 23 March 1994. On behalf of UL International Der	rifies compliance with the Ex es compliance with other rele n passed the tests for Ingress F e notified body concerning al INEX HI to Directive 94/9/F	vant Direc rotection l modifica	to IP40 in accordance with tions to the technical			
	Jan-Erik Storgaard Certification Manager	Certificate: 08 ATEX 0726203		An Affiliate of			

Lyskaer 8, P.O. Box 514 DK-2730 Herlev, Denmark Telephone: +45 44856565 Fax: +45 44856500

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Underwriters Laboratories Inc. P3/3 January 25, 2010

Timothy Lint Adalet/Scott Fetzer Co. 4801 W. 150th St. Cleveland, OH 44135, USA

Our Reference:DEMKO 08 ATEX 0726203Project:10NK09964Your Reference:T. Lint 7/2/10Completion of Project 10NK09964: ATEX Investigation - Alternate
Encapsulation of the Model 4150X HART Communicator.

The following revisions related to the above certificate number were submitted for our review.

• Two Alternate Encapsulations Sylgard 182 and 184, manufactured by Dow Corning.

The alternate encapsulations were considered acceptable as they belong to the same product family as the currently certified encapsulation, Part No. 255 from the same manufacturer, having an identical 200°C temperature rating and similar properties, and no tests were considered necessary.

UL Demko's (Notified Body)/UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements of the standards listed on your ATEX certificate DEMKO 08 ATEX 0726203:

• EN 50014:1997 E incl. A1 + A2, EN 50020:2002, and EN 60079-26:2007

These standards have been replaced by more current standards in the Official Journal. It is your responsibility to review the most up-to-date standards to determine whether your product still complies with the state-of-the-art requirements of the ATEX Directive (94/9/EC). The next time the product is revised and significant changes take place, we will need to evaluate your product to the current standards for compliance. At that time, contact UL and we will open a project to update your ATEX certificate to the current standards.

If you have any questions or comments, please feel free to contact me.

Very truly yours,

Casey Martin Project Engineer Hazardous Locations Underwriters Laboratories Inc. E: Casey.Martin@us.ul.com Reviewed by:

Jaint P. Malohn

David P. Malohn Engineering Leader Hazardous Locations Underwriters Laboratories Inc.

Reviewed by:

Juneronic

Jasmin Omerovic Cert. Project Engineer ATEX Notified Body UL International Demko A/S