[1] # EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

[3] EC-Type Examination Certificate Number: **DEMKO 14 ATEX 1350799 Rev. 0**

[4] Equipment or Protective System: **XLTX and MLTX2 Handheld Transmitters**

[5] Manufacturer: **Magnetek Inc.**

[6] Address: **N49 W13650 Campbell Drive, Menomonee Falls, WI 53051 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. **13CA50799**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 **EN 60079-11:2012** **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:

II 1 G Ex ia IIC T4

Certification Manager
Jan-Erik Storgaard

Notified Body

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval

Date of issue: 2014-05-15

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[13] [14]

Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 14 ATEX 1350799 Rev. 0
Report: 13CA50799

[15] Description of Equipment or protective system

The XLTX/MLTX2 Transmitters are a family of handheld portable wireless controllers. The transmitter contains various finger operated switches and controllers for remote control of machinery. The devices are powered by Magnetek battery pack Part No. BT131-0 that is replaceable in the hazardous location.

Nomenclature for type

XLTX Series: Model No. HAZ01- followed by any numbers or letters denoting different configuration of accessories.
MLTX2 Series: Model No. HAZ02- followed by any numbers or letters denoting different configuration of accessories.

Temperature range

The ambient temperature range of the XLTX series is -20°C to +40°C.
The ambient temperature range of the MLTX2 series is -40°C to +40°C.

Electrical data

Intrinsically safe specifications:

XLTX powered by 1 battery pack Part No. BT131-0.
MLTX2 powered by 1 battery pack Part No. BT131-0.
Battery Pack Part No. BT131-0 holds four AA batteries in series.
Approved cells: Duracell MN1500, Duracell PC1500, Energizer E91, Panasonic LR6XWA, and Rayovac 815.

Routine tests

None.

[16] Report No.

Project Report No.: 13CA50799 (Hazardous Location Testing)

Documents:

Description:	Drawing No.:	Rev. Level:	Date:
XLTX, Final Assembly	198-80202-1000	2	04/14/2014
XLTX Engraving Plates	198-80202-1016	3	04/29/2014
XLTX LCD Cover (BLANK)	198-80202-1026	0	10/03/2013
XLTX, Gasket, LCD Display	178-01574	5	04/29/2014
XLTX Tx Housing Handle	198-80202-1014	3	03/07/2014
XLTX Tx Housing Top	198-80202-1013	4	03/07/2014
XLTX Tx Housing Gasket	178-01575-0010	4	04/29/2014
XLTX Tx Housing Potting Fill	178-01591-1710	2	04/14/2014
XLTX Tx Housing Bottom	198-80202-1012	5	03/07/2014
XLTX Battery Retainer	198-80202-1015	1	02/25/2014
XLTX Marking Label	198-80202-1019	3	04/25/2014
XLTX Instruction Manual	198-80202-1001	0	Apr-14
MLTX2, Final Assembly	198-80202-2000	2	04/14/2014
MLTX2 Engraving Plates	198-80202-2014	3	04/29/2014
MLTX2 Housing Top	198-80202-2013	6	03/06/2014
MLTX2 Housing Gasket	178-01174	5	04/03/2014
MLTX2 Housing Potting Fill	198-00144-1010	2	04/14/2014
MLTX2 Housing Bottom	198-80202-2012	5	03/07/2014
MLTX2 Marking Label	198-80202-2017	3	04/25/2014
MLTX2 Instruction Manual	198-80202-2001	0	Apr-14
Machined IR Port Cover	198-80202-1021	4	04/16/2014
O-Ring IR Port Cover	178-01575-0020	0	04/14/2014
Battery Power Assembly	198-80202-0219	3	04/29/2014
CPU Cover Top	198-80202-0206	2	03/11/2014
CPU Cover Bottom	198-80202-0207	4	03/11/2014
BT131-0, Final Assembly	198-80202-0200	5	04/29/2014

[13] **Schedule**

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HAZLOC Battery Pack Lid	198-80202-0202	3	03/07/2014
HAZLOC Battery Pack Gasket	198-80202-0203	3	03/11/2014
HAZLOC Battery Pack Base	198-80202-0201	4	03/07/2014
Battery Pack Label	198-80202-0204	5	04/11/2014
XLTX/MLTX2 CPU Board (BOM)	25-08-208-302E	0	04/24/2014
XLTX/MLTX2 CPU Board (Schematic)	08-208-300	4	09/18/2013
XLTX/MLTX2 CPU Board (Layout)	40-200-08208301E	4	09/18/2013
XLTX/MLTX2 CPU Board (Assembly Drawing)	40-200-08208301E	4	09/18/2013
XLTX I/O Board (BOM)	25-08-208-306E	0	04/24/2014
XLTX I/O Board (Schematic)	08-208-203	3	08/15/2013
XLTX I/O Board (Layout)	40-200-08208204	3	08/20/2013
MLTX2 I/O Board (BOM)	25-10-122-300E	0	04/24/2014
MLTX2 I/O Board (Schematic)	10-122-202	1	04/11/2013
MLTX2 I/O Board (Layout)	40-200-10122202	1	04/11/2013
Enrange Transceiver Module (BOM)	00282168E	0	04/24/2014
Enrange Transceiver Module (Schematic)	00-282-163	1.1	12/10/2010
Enrange Transceiver Module (Layout)	40-200-00282164	1.1	12/10/2010
HAZLOC Battery Board (BOM)	25-08-208-305E	0	04/24/2014
HAZLOC Battery Board (Schematic)	08-208-303	2	04/11/2014
HAZLOC Battery Board (Layout)	40-200-08208304	2	09/18/2013
List of approved accessories	198-808202-0001	0	01/17/2014

[17] Specific conditions of use:

- The XLTX has a maximum measured capacitance between exposed metal parts of 10 pF. Caution must be taken to avoid electrostatic discharge. Please see specific conditions of safe use in the instruction manual for additional details.
- The MLTX2 has a maximum measured capacitance between exposed metal parts of 13 pF. Caution must be taken to avoid electrostatic discharge. Please see specific conditions of safe use in the instruction manual for additional details.

[18] Essential Health and Safety Requirements

Concerning ESRs this Schedule verifies compliance with the Annex III of ATEX directive only. By placing the product on the market, the manufacturer declares compliance with other relevant Directives, and all other safety related requirements including those of Annex II of this Directive.

Additional information

The XLTX has in addition passed the tests for Ingress Protection to IP26 in accordance with EN60529: 1991/A1 2001.
The MLTX2 has in addition passed the tests for Ingress Protection to IP66 in accordance with EN60529: 1991/A1 2001.
The Battery Pack, BT131-0, has in addition passed the tests for Ingress Protection to IP26 in accordance with EN60529: 1991/A1 2001.

This certificate was issued as “Accredited by DANAK under registration number 7011 to certification of products”.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.