Certificate of Compliance

Certificate: 2464187 **Master Contract:** 248090

Project: 2638430 **Date Issued:** July 24, 2013

Issued to: **Ecom Instruments GmbH**

Industriestrasse 2
Assamstadt, Baden-Wurttemberg 97959
Germany
Attention: William (Bill) Stewart

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

C US

John Yam

Issued by: John Yam

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non - Incendive Systems - For Hazardous Locations

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards

IS Divisions: Class I, Division 1, Groups ABCD; Class II, Division 1, Groups FG; Class III; T4:

Zones CA: Class I, Zone 1, Ex ib IIC T4 Gb:

Zones US: Class I, Zone 1, AEx ib IIC T4 Gb:

Mobile Phone, Model Ex-Handy 07 quad-band device for use in hazardous areas with the ratings: Uo = 3.7 Vdc. (Uo_max = 4.2 V), Io = 1.15 A, Po = 4.83 W. For use with battery packs models Ex-BPH 07 SC, 1280 mAh (standard capacity) and Ex-BPH 07 HC, 2000 mAh (high capacity). The ambient temperature range is -20°C to +55°C; IP54.

Notes:

1) The battery pack may only be charged outside explosive atmospheres via charging circuit SBH 07.

2) The mobile phone needs to be protected from impacts with high impact energy.

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IS Divisions: Class I, Division 1, Groups ABCD; Class II, Division 1, Groups EFG; Class III; T4:

Zones CA: Class I, Zone 1, Ex ib IIC T4 Gb:

Zones US: Class I, Zone 1, AEx ib IIC T4 Gb:

Mobile Phone, Model Ex-Handy 07 “type IIIC” quad-band device for use in hazardous areas with the ratings: Uo = 3.7 Vdc. (Uo_max = 4.2 V), Io = 1.15 A, Po = 4.83 W. For use with battery packs models Ex-BPH 17 SC, 1280 mAh (standard capacity) and Ex-BPH 17 HC, 2000 mAh (high capacity). The ambient temperature range is -20°C to +55°C; IP64.

Notes:

1) The battery pack may only be charged outside explosive atmospheres via charging circuit SBH 07.

2) The mobile phone needs to be protected from impacts with high impact energy.

3) The additional marking “IIIC” shall appear on the upper left display window and/or the rear side above the battery compartment to confirm the batteries Ex-BPH 17 SC/HC are to be used.

IS Divisions: Class I, Division 1, Groups ABCD; Class II, Division 1, Groups EFG; Class III; T4:

Mobile Phone, Model XP3410-IS quad-band device for use in hazardous areas with the ratings: Uo = 3.7 Vdc. (Uo_max = 4.2 V), Io = 1.15 A, Po = 4.83 W. For use with battery pack model Ex-BPC 41, 1960 mAh (high capacity). The ambient temperature range is -20°C to +55°C; IP64.

Notes:

1) The battery pack may only be charged outside explosive atmospheres via charging circuit SBH 07.

2) The mobile phone needs to be protected from impacts with high impact energy.

3) The additional marking “Only for use with battery type Ex-BPC 41” shall appear on a label in the Radio Interior to confirm the battery approved for use.

IS Divisions: Class I, Division 1, Groups ABCD; Class II, Division 1, Groups EFG; Class III; T4 or T130°C;

Zones CA: Class I, Zone 1, Ex ib IIC T4 Gb;

Zones US: Class I, Zone 1, AEx ib IIC T4 Gb:

Mobile Phone, Model Ex-Handy 08 quad-band device for use in hazardous areas with the ratings: Uo = 3.7 Vdc. (Uo_max = 4.2 V), Io = 1.15 A, Po = 4.83 W. For use with battery packs models Ex-BPH 08 SC, 1280 mAh

(standard capacity) and Ex-BPH 08 HC, 1960 mAh (high capacity). The ambient temperature range is -20°C to +55°C; IP64.

Notes:

1) The battery pack may only be charged outside explosive atmospheres via charging circuit SBH 07 (Safety Box).

2) The mobile phone needs to be protected from impacts with high impact energy.

Non-Incendive Divisions: Class I, Division 2, Groups ABCD; Class II, Division 2, Groups EFG; Class III Division 2; T4;

Mobile Phone, Model Ex-HSPA 08 quad-band device for use in hazardous areas with the ratings: Uo = 3.7 Vdc. (Uo_max = 4.2 V), Io = 2000mA, Po = 4.8 W. For use with battery packs models Ex-BPH 28 Li-Ion 2000 mAh (standard capacity). The ambient temperature range is -20°C to +55°C; IP64.

Notes:

1) The battery pack Ex-BPH 28 is only allowed to be charged outside of the explosive hazardous area and has to be charged either with the appropriate charger “TCH07” or with the desktop charger “DCH”. Alternatively any charger can be used in combination with the optional Safety box “SBH07”.

2) The device has to be protected against impacts with high impact energy.

APPLICABLE REQUIREMENTS

C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

C22.2 No 157-92 (R 2012) - Intrinsically Safe and Non-Incedive Equipment (HazLoc).

C22.2 No 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Harzardous Locations

CAN/CSA 60079-0: 07 - Explosive Atmospheres - Part 0: General requirements.

CAN/CSA 60079-11: 11 - Explosive Atmospheres - Part 11: Equipment protection by Intrinsic Safety “i”.

UL 913 - 7th Ed - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III Division 1 Hazardous (Classified) Locations.

ANSI/ISA 12.12.01-2013 – Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (classified) Locations

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UL 60079-0 - 5th Ed - Explosive Atmospheres - Part 0: General requirements.

UL 60079-11 - 5th Ed - Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i".