CERTIFICATE OF CONFORMITY



1. HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS

- 2. Certificate No:
- 3. Equipment: (Type Reference and Name)
- 4. Name of Listing Company:
- 5. Address of Listing Company:

FM19US0172 PBA655 Series Scale

Mettler-Toledo, GmbH

Im Langacher 44 Greifensee, 8606 Switzerland

6. The examination and test results are recorded in confidential report number:

3015499 dated 16th December 2002

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3610:2010, FM Class 3611:1999, ANSI/ISA 60079-0:2009, ANSI/ISA 60079-11:2009

- 8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
- 9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
- 10. Equipment Ratings:

Intrinsically safe apparatus for Class I, II and III, Division 1, Groups A, B, C D, E, F, and G, and Class I, Zone 0, AEX ia Group IIC, T4; Non-incendive for Class I, Division 2, Groups A, B, C and D, and Class I, Zone 2, Group IIC, T6; Suitable for Class II, III, Division 2, Groups F and G, T6; Hazardous (Classified) Locations in accordance with entity parameters, nonincendive field wiring parameters and Control Drawing 30024767.

Certificate issued by:

annali

JE. Marquedant VP, Manager - Electrical Systems 31 October 2019 Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: <u>information@fmapprovals.com</u> <u>www.fmapprovals.com</u>

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11. The marking of the equipment shall include:

Class I, II, III, Division 1, Groups A, B, C, D, E, F, G; T4 Ta = -10° C to $+40^{\circ}$ C Class I, Zone 0, AEx ia IIC; T4 Ta = -10° C to $+40^{\circ}$ C Class I, Division 2, Groups A, B, C, D; T6 Ta = -10° C to $+40^{\circ}$ C Class I, Zone 2, IIC; T6 Ta = -10° C to $+40^{\circ}$ C Suitable for Class II, III, Division 2, Groups F, G: T6 Ta = -10° C to $+40^{\circ}$ C Entity Parameters: Vmax = 25V, Imax = 600mA, Pi = 1.25W, Ci = 0, Li = 0 Nonincendive Field Wiring Parameters: Vmax = 25V,, Imax = 600mA, Pi = 1.25W, Ci = 0, Li = 0 See Installation Drawing 30024767

12. Description of Equipment:

General - The PBA655 Series Scale is a loadcell based scale.

Construction - PBA655 Series Scales consists of a load cell, an enclosure construction of either a powderpainted stamped or welded steel frame, a stainless steel platter and mechanical transfer devices.

Ratings - Ambient temperature range is -10°C to +40°C.

PBA655x-ab Series Scale

IS / I, II, III / 1 / ABCDEFG / T4 Ta = -10° C to $+40^{\circ}$ C - 30024767; Entity I / 0 / AEx ia IIC T4 Ta = -10° C to $+40^{\circ}$ C - 30024767; Entity NI / I / 2 / ABCD / T6 Ta = -10° C to $+40^{\circ}$ C - 30024767; NIFW; S / II, III / 2 / FG / T6 Ta = -10° C to $+40^{\circ}$ C - 30024767; NIFW; NI / I / 2 / IIC T6 Ta = 40° C - 30024767; NIFW Entity Parameters: Vmax = 25V, Imax = 600mA, Pi = 1.25W, Ci = 0, Li = 0 Nonincendive Field Wiring Parameters: Vmax = 25V, Imax = 600mA, Pi = 1.25W, Ci = 0, Li = 0 a = A,BB,B,B,C,CC b = 6, 12, 30, 60, 120, 300 or 600 b - capacity of scale

13. Specific Conditions of Use:

None

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

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SCHEDULE



US Certificate Of Conformity No: FM19US0172

Date	Description
16 th December 2002	Original Issue.
31 st October 2019	Supplement 4: Report Reference: – RR220586 dated 31st October 2019. Description of the Change: Delist of CBabX Sierra Scale, transfer from Mettler- Toledo (ChangZhou) Measurement Technology Ltd., reformat Certificate, update standard: FM3600 from 1998.

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