



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX LC 17.0002X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-12-23

Applicant: **Anyload Weigh & Measure Inc.**
6855 Antrim Avenue
Burnaby, British Columbia V5J 4M5
Canada

Equipment: **Strain gauge load cells**

Optional accessory:

Type of Protection: **Intrinsic safety 'ia'**

Marking: Aluminium Load cells: Ex ia IIC T4 Gb -20°C≤Ta≤ 60°C
Stainless Steel & Alloy steel Load Cells: Ex ia IIC T4 Ga -20°C≤Ta≤ 60°C

Approved for issue on behalf of the IECEx
Certification Body:

Kavinder Dhillon Eng. L

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

LabTest Certification Inc.
205 - 8291 92 Street
Delta, British Columbia
V4G 0A4
Canada





IECEX Certificate of Conformity

Certificate No.: **IECEX LC 17.0002X**

Page 2 of 3

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Manufacturer: **ANYLOAD YOUNGZON TRANSDUCER (HANGZHOU) CO. LTD.**
No.160, South of No.11 Street
Hangzhou Economic & Technological Development Zone
Zhejiang,China 310018
Tel:+86 (571) 8685 6902
China

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[CA/LC/ExTR17.0002/00](#)

Quality Assessment Report:

[CA/LC/QAR18.0001/00](#)



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Page 3 of 3

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

This certificate covers the load cells categorised in the following series of load cells manufactured by Anyload Transducer Co. Ltd:

- 563xx Single Ended Beam Load Cell
- 102xx Double Ended Beam Load Cell
- 101xx S-Beam Load Cell
- 108xx Single Point Load Cell
- 651xx Single Point Load Cell
- 106xx Canister Load Cell
- 266xx Canister and Disk Load Cell
- 276xx Canister and Disk Load Cell
- 363xx Canister and Disk Load Cell
- 202xx Planar Load Cell
- 535xx Load Pin
- 247xx Load Button
- 110xx Tension Link Load Cell
- 296xx Donut Load Cell

Under type of protection "ia" these load cells shall be connected to certified intrinsic safe circuit with following maximum value:

$U_i=15VDC$; $P_i=0.578W$; $I_i=150mA$; $C_i=0.188\mu F$; $L_i 106mH$

SPECIFIC CONDITIONS OF USE: YES as shown below:

Parts of the enclosure exceed the maximum permissible capacitance of unearthed conducting part according to Table 11 of IEC 60079-0. Therefore during installation of these load cells care shall be taken to avoid electrostatic charge build-up while installed or used within a potentially explosive atmosphere.