



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx FMG 18.0018X

Issue No: 0

Certificate history:

[Issue No. 0 \(2019-02-25\)](#)

Status: **Current**

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Date of Issue: **2019-02-25**

Applicant: **Rice Lake Weighing Systems**
230 W Coleman
Rice Lake WI
54868
United States of America

Equipment: **882 Weighing System**

Optional accessory:

Type of Protection: **ia, mb**

Marking:

882IS, 882IS Plus. Digital Weight Indicator

Ex ia IIC T4 Ga; Entity ; IP66

Ex ia IIIC T135°C Da; Entity; IP66

mb-EPS-100-240-X2. Power Supply

Ex mb [ia Ga] IIC T4 Gb; Entity

Ex mb [ia Da] IIIC T135°C Db; Entity

IS6V2. Battery Module

Ex ia IIC T4 Ga; Entity;

Ex ia IIIC T135°C Da; Entity

*Approved for issue on behalf of the IECEx
Certification Body:*

J. E. Marquedant

Position:

VP, Manager - Electrical Systems

*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 the [Official IECEx Website](#).



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Certificate issued by:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America





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Certificate No: IECEx FMG 18.0018X Issue No: 0
Date of Issue: **2019-02-25** Page 3 of 4
Manufacturer: **Rice Lake Weighing Systems**
230 W Coleman
Rice Lake WI
54868
United States of America

Additional Manufacturing location(s):

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 apparatus 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
IEC 60079-18 : 2014 Explosive atmospheres – Part 18: Equipment protection by encapsulation "m"
Edition:4.0

*This Certificate **does not** indicate compliance with electrical 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:

[US/FMG/ExTR18.0015/00](#)

Quality Assessment Report:

[GB/FME/QAR19.0005/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

IS6V2. Battery Module.

882IS, 882IS Plus. Digital Weight Indicator

mb-EPS-100-240-X2. Power Supply.

The optical radiation output of the apparatus with respect to explosion protection is covered in this certificate based on Exceptions 1) and 5) to the scope of IEC 60079-28:2015.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The keypad is considered to constitute an electrostatic discharge hazard. Clean only with a damp cloth.