



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

UNIT VERIFICATION

Certificate No.: **IECEX SIM 22.0001** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-07-13

Applicant: **Pacific Data Systems Pty Ltd**
27 Hi-Tech Court
EIGHT MILE PLAINS QLD 4113
Australia

Equipment: **Kestrel Weather Meter 3500-IS**

Serial number(s) or Unique Identification: **Serial numbers as listed in the annex**

Type of Protection: **Intrinsic safety "i"**

Marking: **Ex ia I IP55**

Approved for issue on behalf of the IECEx
Certification Body:

Geoffrey Barnier

Position:

Principal Engineer - Certification

Signature:
(for printed version)



Date:
(for printed version)

13 July 2022

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:

Safety in Mines Testing and Research Station (Simtars)
2 Robert Smith Street, REDBANK QLD 4301
Australia

Simtars



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Manufacturer: **Nielsen-Kellerman Inc**
21 Creek Circle
BOOTHWYN PA 19061
United States of America

Manufacturing locations: **Nielsen-Kellerman Inc**
21 Creek Circle
BOOTHWYN PA 19061
United States of America

This Unit verification certificate is issued as verification that the Apparatus identified on page 1, was assessed and tested and found to comply with the IEC Standard list below. 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:

[AU/SIM/ExTR22.0001/00](#)

Quality Assessment Report:

As this is a Unit Verification Certificate, no QAR is applicable as this certificate is specific to the items listed by serial number or other unique identification.



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Kestrel 3500-IS Weather Meter is a hand held instrument used for measuring a range of environmental conditions, such as wind speed, relative humidity, temperature and barometric pressure.

The equipment is powered by a single 3 V lithium cell and does not facilitate the connection of external circuits (Permitted battery type: CR2032 SONY or PANASONIC).

The enclosure provides a degree of protection of IP55.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[IECEX SIM 22.0001-0 Kestrel 3500-IS Annex.pdf](#)