



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 ITA 10.0004X** Page 1 of 5 [Certificate history:](#)
Issue 0 (2010-05-26)

Status: **Current** Issue No: 1

Date of Issue: 2021-08-18

Applicant: **Nautitech Mining Systems Pty Limited**
Unit 3/9 Packard Ave
CASTLE HILL NSW 2154
Australia

Equipment: **Spool Monitor CT1052XX**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: Ex ib I
IECEX ITA 10.0004X

Approved for issue on behalf of the IECEx
Certification Body:

Ajay Maira

Position:

Certification Authority

Signature:
(for printed version)

Ajay Maira

Date:

2021-08-18

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:

Ex Testing and Certification Pty Ltd
1/30 Kennington Drive
Tomago NSW 2322
Australia



TESTING & CERTIFICATION



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Date of issue: 2021-08-18

Issue No: 1

Manufacturer: **Nautitech Mining Systems Pty Limited**
Unit 3/9 Packard Ave
CASTLE HILL NSW 2154
Australia

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 60079-0:2004 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Edition:4.0

IEC 60079-11:2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"
Edition:5

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/ITA/ExTR10.0003/00](#)

Quality Assessment Report:

[AU/MSQ/QAR21.0001/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Spool Monitor Type CT1052XX Series is designed to sense a change in magnetic field and convert to a 4-20mA signal. The equipment comprises a printed wiring board upon which are mounted electronic components all housed a metallic enclosure fitted with a plug and socket for the connection of external circuits.

The apparatus is available in two versions as;

The Spool Monitor Type CT105210 Small Spool Monitor

The Spool Monitor Type CT105211 Large Spool Monitor

SPECIFIC CONDITIONS OF USE: YES as shown below:

See Annexe for details



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
See Annexe for details.



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Additional information:

Job 21105

Annex:

[Annex IECEx ITA 10.0004X-1 final.pdf](#)

IECEX Certificate of Conformity



Annexe



Annexe for Certificate No.:

IECEX ITA 10.0004X

Issue No.: 1

Description:

As provided in 'Equipment' section of the certificate.

Specific Conditions of Use pertaining to Issue 0 of this Certificate:

The following parameters are to be met during installation:

Ui =	20	V
Ci =	Negligible	uF
Li =	Negligible	mH

Drawing list pertaining to Issue 0 of this Certificate:

Manufacturer's Documents

Title:	Drawing No.:	Pages	Rev. Level:	Date:
4-20mA CURRENT LOOP	PS105210	1	2	2003-07-10
SENSOR HOUSING APPROVAL GA Sheets 1 & 2	1052-019	2	G	2010-04-08
4-20mA CURRENT LOOP Sheets 1 to 4	PB1052	4	5	2010-02-16
Sensor Housing Label	1052-020	1	2.0	2010-02-24

Variations permitted by Issue 1 of this certificate:

- The address of the applicant and manufacturer has been revised.
- The manufacturer's Quality Assessment was changed from Ex Testing and Certification to another IECEx Certification Body, Mine Safety Technology Centre. QAR reference has been changed accordingly.

Specific Conditions of Use pertaining to Issue 1 of this certificate:

There are no changes to the conditions of use.

Drawings Associated with the Issue 1 of this Certificate:

There are no drawings applicable to this issue of the certificate.