



# 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](http://www.iecex.com)

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Status: **Current** Issue No: 0

Date of Issue: 2014-11-11

Applicant: **Novaris Pty Ltd**  
72 Browns Road  
Kingston Tasmania 7050  
**Australia**

Equipment: **IS-SLT-Y-M20 Adaptor, IS-SLTX-XXX-M20 Surge Protector**

Optional accessory:

Type of Protection: **Flameproof**

Marking: **Ex db IIC**

Approved for issue on behalf of the IECEx  
Certification Body:

**Parveen Akther**

Position:

**Certification Authority**

Signature:  
(for printed version)

Date:  
(for printed version)

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**TUV Rheinland Australia Pty. Ltd**  
1/30 Kennington Drive  
Tomago NSW 2322  
**Australia**





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Manufacturer: **Novaris Technologies (M) SDN BHD**  
No. 15 2nd Floor Jalan Tembaga SD 5/2  
Sri Damansara Industrial Park  
52200 Kuala Lumpur  
**Malaysia**

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 60079-1:2007** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:6

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 Reports:

**AU/ITA/ExTR14.0021/00**

**AU/ITA/ExTR14.0026/00**

Quality Assessment Report:

**AU/ITA/QAR14.0002/00**



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The IS-SLT-Y-M20 allows two cable entries for when there is only one available. It is constructed in the form of a Y and presents three female M20 entries. It is intended to be used where a field instrument has no free cable entry and can accommodate a threaded instrument protector and cable gland.

The IS-SLTX-XXX-M20 has a 304 stainless steel construction that has been milled to present a hexagonal body 53mm long with an M20x1.5mm pitch male thread at one end. The housing is used to mount electronic components in it with potting compound.

## **SCHEDULE OF LIMITATIONS:**

Please refer to the Annex

## **SPECIFIC CONDITIONS OF USE: NO**

### **Annex:**

[IECEx ITA 14-0012U Certificate Annex .pdf](#)

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## Annex



Annex for Certificate No.:

IECEX ITA 14.0012U

Issue No.:

0

### Conditions of Certification pertaining to Issue 0 of this Certificate:

Nil

### Schedule of Limitations pertaining to Issue 0 of this Certificate

These fittings are intended to be used as part of a completed apparatus and form part of that apparatus certification, noting the following schedule of limitations:

1. All threads of the IS-SLT-Y-M20 MUST be installed hand-tight regardless of the final orientation of the angled components of the fittings to a minimum of 5 full threads or 8mm of engagement.
2. All threads of the IS-SLT-X-XXX-M20 MUST be installed wrench-tight to the torque setting as shown in the installation manual regardless of the final orientation of the angled components of the fittings.
3. The fittings and adaptors MUST NOT be loosened for alignment purposes.
4. It is the final assemblers/users responsibility to ensure that the threaded joint between the fitting and the associated enclosure meet all the requirements of the applicable standards for the assembly including the IP rating of the enclosure.
5. Only one IS-SLT-Y-M20 shall be used at any single entry on the associated enclosure.
6. The IS-SLT-X-XXX-M20 shall be filled with encapsulant after fitment of electronics.
7. The supply to the electronic circuits mounted in the IS-SLT-X-XXX-M20 is to be limited to a maximum of 30VDC and the maximum power dissipation from the housing shall be considered as 2.2W.
8. These limitations shall be added to the conditions of safe use of the certificate for the equipment that they are mounted on.

### Drawing list pertaining to Issue 0 of this Certificate:

Manufacturer's Documents				
Title:	Drawing No.:	Pages	Rev. Level:	Date:
SLT-Y-M20 Threaded M20 adaptor	0050-M4V1	1	-	2013-12-18
IS-SLT-Y-M20 artwork	0050-A3V1	1	1.0	2014-05-05
SLTx-xxx-M20 Housing	0050-M1V2	1	-	2013-12-18
IS-SLT marking placement	0050-A8V2	1	1.0	2014-09-18