



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

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|--|--|-------------|---|
| Certificate No.: | IECEx SIM 13.0005 | issue No.:1 | Certificate history: Issue No. 1 (2013-8-6) Issue No. 0 (2013-5-22) |
| Status: | Current | | |
| Date of Issue: | 2013-08-06 | Page 1 of 6 | |
| Applicant: | Jatco (Australia) Pty Ltd t/a Applied Resolution Technologies Lot 521 Sullivans Road YAMBA NSW 2464 Australia | | |
| Electrical Apparatus: Optional accessory: | Mining and Tunnel Lasers, Models: SLX-635P, SLX-635S, SLX-515S, SLM-635S, SLM-515S, BLX-635, BLX-635S and BLX-515S | | |
| Type of Protection: | ia | | |
| Marking: | Ex ia I or Ex ia IIB T* * T rating T1, T3 or T4 dependant on batteries used. Refer Table 1. IECEx SIM 13.0005 | | |
| Approved for issue on behalf of the IECEx Certification Body: | David Turner | | |
| Position: | Director - ETCC | | |
| 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](http://www.iecex.com).

Certificate issued by:

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





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Manufacturer: **Jatco (Australia) Pty Ltd t/a Applied Resolution Technologies**
Lot 521 Sullivans Road
YAMBA NSW 2464
Australia

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 electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identification 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 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:

[AU/SIM/ExTR13.0003/00](#)

[AU/SIM/ExTR13.0003/01](#)

Quality Assessment Report:

[AU/SIM/QAR10.0001/03](#)

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Alignment Lasers are battery powered (refer Table 1) and comprises a laser module and a battery compartment. The laser body is of zinc-plated brass or bronze construction.

User instructions of the equipments are 253, 237, 226, 0180, 320, 0261 and 0181.

CONDITIONS OF CERTIFICATION: NO

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EQUIPMENT(continued):

Table 1: Battery types and temperature classification for each model

| Model Number | Permitted Battery types & number | Temperature Classification |
|--------------|--|----------------------------|
| SLX-635P | Panasonic Industrial LR6XW AA size 2EA | T3 |
| BLX-635 | Panasonic Industrial LR20XW D size 2EA or 3EA | T3 |
| SLX-635S | Panasonic Industrial LR6XW AA size 2EA | T3 |
| SLX-515S | Panasonic Industrial LR6XW AA size 5EA | T1 |
| SLM-635S | Panasonic Industrial LR6XW AA size 2EA | T3 |
| SLM-515S | Panasonic Industrial LR6XW AA size 5EA | T1 |
| BLX-635S | Panasonic Industrial LR14XW C size 2EA or 3EA | T4 |
| | Panasonic Industrial LR20XW D size 2EA or 3EA | T3 |
| BLX-515S | Panasonic Industrial LR14XW C size 5EA or Panasonic Industrial LR20XWD size 5EA | T1 |

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Refer Annex

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Additional information:

The batteries can only be removed or replaced in a non-hazardous area.

Battery packs SB-AA, SB-AAA, SB-AAAAA, BB-CC, BB-CCC, BB-CCCCC, BB-DD, BB-DDD and BB-DDDDD are of the modular types and can be removed from the laser head in the hazardous area.

Annex: [IECEX SIM 13.0005-1 Annex.pdf](#)

