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| **IECEx TEST REPORT****IEC 60079-31****Explosive atmospheres – Part 31:****Equipment dust ignition protection by enclosure “t”** |
| ExTR Reference Number : |  |
| ExTR Free Reference Number : |  |
| Compiled by + signature (ExTL) : | (enter typed name here) | (enter signature here) |
| Reviewed by + signature (ExTL) : | (enter typed name here) | (enter signature here) |
| Date of issue : |  |
| Ex Testing Laboratory (ExTL) : |  |
| Address : |  |
| Applicant’s name : |  |
| Address : |  |
| Standard : | IEC 60079-31:2022, Edition 3.0 |
| Test Report Form Number : | ExTR60079-31\_3A\_DS (released 2022-04) |
| Related Amendments, Corrigenda or ISHs : |  |
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| Possible test case verdicts: |  |
| - test case does not apply to the test item : | N / A |
| - test item does meet the requirement : | Pass |
| General remarks:The test results presented in this Ex Test Report relate only to the item or product tested.* "(see Attachment #)" refers to additional information appended to this document.
* "(see appended table)" refers to a table appended to this document.
* Throughout this document, a point is used as the decimal separator.

The technical content of this Ex Test Report shall not be reproduced except in full without the written approval of the Issuing ExCB and ExTL. |

| **IEC 60079-31** |
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| **Clause** | **Requirement – Test**  | **Result – Remark**  | **Verdict** |
|  |
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| 4 | General |
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| 4.3 | Requirements for Ex Equipment with Level of Protection “ta” |
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| 5 | Construction |
| 5.1 | Joints |
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| 6See also[**DS 2020/004**](https://www.iecex.com/dmsdocument/3329) | Verification and tests |
| 6.1 | Type tests |
| 6.1.1 | Type tests for dust exclusion by enclosures |
| 6.1.1.1 | General |  |  |
| 6.1.1.2 | Impact test on supplementary internal enclosures |  |  |
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| 6.1.2 | Tests to determine maximum surface temperature |  |  |
| 6.2 | Routine tests |
|  |
| 7See also[**DS 2015/004**](http://iecex.com/dmsdocument/62)[**DS 2015/010**](https://www.iecex.com/publications/extag-decision-sheets/downloaddocument/56)[**DS 2020/004**](https://www.iecex.com/dmsdocument/3329) | Marking |  |  |
|  |
| Annex A (Normative) | Supplementary requirements for entry devices  |
| A.1[**DS 2009/002**](https://www.iecex.com/publications/extag-decision-sheets/downloaddocument/97) | General |  |  |
| A.2 | Construction requirements |
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| A.3 | Type tests |
| A.3.1 | Cable glands, cable transit devices and conduit sealing devices |  |  |
| A.3.2 | Blanking elements and thread adapters |  |  |
| A.4 | Marking |  |  |

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| Measurement Section, including Additional Narrative Remarks (as deemed applicable) |