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| **IECEx TEST REPORT** **IEC 60079-11****Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"** |
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| ExTR Free Reference Number : |  |
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| Ex Testing Laboratory (ExTL) : |  |
| Address : |  |
| Applicant’s name : |  |
| Address : |  |
| Standard : | IEC 60079-11:2023, 7th Edition |
| Test procedure : | IECEx System |
| Test Report Form Number : | ExTR60079-11\_7A\_DS (released 2023-02)  |
| Related Amendments, Corrigenda or ISHs  | N/A |
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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.

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 **Measurement Section, including Additional Narrative Remarks**

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**A.2 Spark ignition considerations**

**A.2.1 Resistive spark ignition**

**A.2.2 Capacitive spark ignition**

**A.2.3 Inductive spark ignition**

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**A.3.3 Temperature of small components for Group I and Group II**

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**A.3.6 Intrinsically safe apparatus and component temperature for dusts**

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**A.4.5 Separations distances protected by coating**

**A.4.6 Separation of terminals**

**A.4.7 Other separation considerations**

**A.5 Rating of components**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Component Designation** | **Value** | **Rating used \* (W2)** | **Maximum rating (W1)** | **W1****W2** | **Calculation** |
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(\* “Rating used” is a term used to describe the maximum voltage, current and/or power which the component may be subjected to when applying the number of faults as prescribed in the Standards)

**APPENDIX B: Tests**

**Option 1: If tests records are provided as an attachment, please complete the following table:**

|  |  |  |
| --- | --- | --- |
| Document number | Number of Pages | Name of Tests |
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Option 2: If tests records are not provided as an attachment, please complete the following table:

**B.1 Test conducted**

|  |  |
| --- | --- |
| Equipment Tested: |  |
| Date of Test (yyyy/mm/dd): |  |
| Clause and Standards: |  |

**B.1.1 Test procedures**

**B.1.2 Results**