

## Laboratory Test Report

### Cable management - Cable tray systems and cable ladder systems

|                                |   |
|--------------------------------|---|
| Test Report No. ....           | ITC/TEST/NN/2212/02-B   |
| Discipline.....                | Electrical  |
| Group.....                     | Wiring and Accessories  |
| Date of issue.....             | 01-02-2023  |
| Sample date in.....            | 17-12-2022  |
| Date of Performance.....       | 18-12-2022 To 27-01-2023  |
| Applicant.....                 | Mr. Jatin Timbadia  |
| Customer.....                  | <b>Parmar Industries</b><br>GAT NO.13 & 20 SAHAJPUR INDUSTRIAL AREA<br>VILLAGE-SAHAJPUR TAL - DAUND DIST, Pune -<br>Solapur Rd, Pune, Maharashtra 412202(INDIA) |
| Sample description.....        | Cable ladder  |
| Sample Condition.....          | OK  |
| Customer Reference.....        | N/A   |
| Trade mark / Manufacturer..... | Parmar Industries   |
| Model / Type / Reference.....  | N/A   |
| Ratings.....                   | 300mm(W)*100mm(H)*2500mm(L)*2mm(Thk)  |
| Test method(s).....            | Fire Hazard test has been performed as per<br>customer specification using test method IEC 61537  |

#### Overall verdict

Pass ☒  
Fail ☐

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### Possible test case verdicts:

- Test case does not apply to the test object..... N/A
- Test object meets the requirement..... P (Pass)
- Test object does not meet the requirement..... F (Fail)
- Test case does not evaluated to the test object..... NE

### General remarks:

- "See enclosure##" refers to additional information related to this report in the annexes section.
- "See table ##" refers to a table appended to this report in the annexes section.
- "See figure ##" refers to an image, picture or drawing appended to this report in the annexes section
- "See \*" highlights those clauses which are not in our NABL Scope.
- Throughout this report, a comma is used as decimal separator.
- Overall Verdict is applicable to the clauses against which Testing has been performed, not to the clauses where it is N/A (Not Applicable).
- The results of this report is against the sample received through the customer only.
- The laboratory is not responsible for the authenticity of the data / documents submitted by the customer.
- The laboratory will perform the testing at ambient temperature unless Environmental Conditions are not specified in the Testing Standard.
- Measurement uncertainty will be mentioned in the Table i.e Test Details.
- If Test Verdict has been given in this Report. The Decision Rule as per ILAC G8:2009 where guard Value ( $W=1u$ ) will be made ( $TL=AL+W$ ), whether Decision Rule will only be applied if the measured value is within the Guard Band. In such case Reference of this clause will be given by marking.
- The list of documents submitted by the customer is mentioned as under:

| List of Documents                         | Remarks |
|---|---------|
| Marking Plate of DUT                      | N/A     |
| Ratings of DUT                            | N/A     |
| Labels of DUT                             | N/A     |
| Instruction Manual                        | N/A     |
| Circuit Diagram                           | N/A     |
| General Assembly Diagram                  | N/A     |
| Bill of Material/ Critical Component List | N/A     |
| Please specify, if any other              | -       |

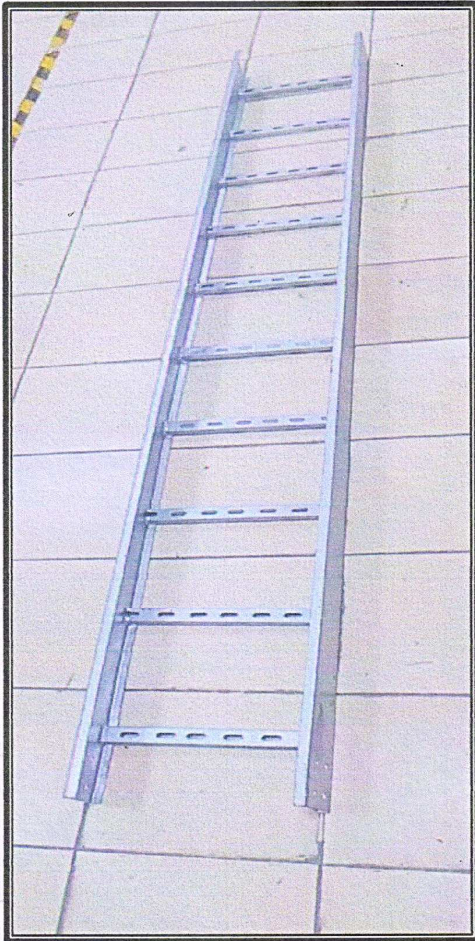
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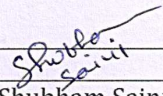
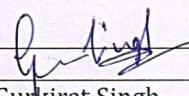
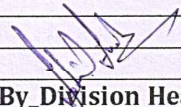
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|   |
|---|
| <b>General Product Information:</b>   |
| Cable Ladder<br><b>Dimensions:</b> 300mm(W)*100mm(H)*2500mm(L)*2mm(Thk)             |
| <b>Pictures of Tested Sample</b>  |
|  |

|   |  |  |
|---|--|--|
| <br>Shubham Saini<br><b>Testing Engineer</b> | <br>Gurkirat Singh<br><b>Reviewed By_Testing Supervisor</b> | <br>Sahil Singh<br><b>Authorized By_Division Head</b> |
|---|--|--|



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| IEC 61537 |   |   |         |
|-----------|---|---|---------|
| Clause    | Requirement - Test  | Results - Remarks   | Verdict |
| 13        | Fire hazards  |   |         |
| 13.1.2    | Contribution to fire  |   |         |
|           | System components declared according to 6.1.2 and 6.1.3 which might be exposed to abnormal heat due to an electrical fault shall have limited Ignitability. | Metallic Cable Ladder<br>(Test Requested by the Manufacturer) | -       |
|           | Compliance is checked by the test according to IEC 60695-2-11:2000, clauses 4 to 10, with a glow wire temperature of 650 °C                                 | In Compliance   | P       |
|           | The test is carried out applying the glow wire once for 30s.  | In Compliance   | P       |
|           | There shall be no ignition of the tissue paper or scorching of the board.   | In Compliance   | P       |

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