




Head Office : M-577, Guru Har Kishan Nagar, Paschim Vihar, New Delhi-110087 (India) +91-11-79653542, 8527763108
Laboratory : 487/25, Near Prachin Shiv Mandir, Peeragarhi, New Delhi-110087 (India) +91-11-48777888, 8527799406
E-mail : info@alphatesthouse.com, electrical@alphatesthouse.com www.alphatesthouse.com

TEST REPORT

| TEST REPORT | | | |
|---------------------------------|---|------------------------|------------|
| Sample / Report No. | ELD3170062021 | Page 1 of 5 | |
| Name and Address of Customer | Avery Instrument Unit 8, 23/F, Laurels Industrial Centre, 32 Tai Yau Street, San Po Kong, Kowloon, Hong Kong | | |
| Product Description | Pressure Transducer | | |
| Sample Qty. | 01 | Date of Receipt | 13/11/2021 |
| Model Number | AV400P200G8P9R00 | Start Date of Analysis | 13/11/2021 |
| Name of Manufacturer & Address: | Avery Instrument Unit 8, 23/F, Laurels Industrial Centre, 32 Tai Yau Street, San Po Kong, Kowloon, Hong Kong | End Date of Analysis | 27/11/2021 |
| Test Standard | Shock Test As Per IEC 60068-2-27, Sine Vibration Test as per IEC 60068-2-6, Random Vibration Test as per IEC 60068-2-64 | Report Issue Date | 29/11/2021 |
| Sample received condition | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Others | | |
| Test laboratory & Address : | ALPHA TEST HOUSE 487/25, Near Prachin Shiv Mandir, Peeragarhi, New Delhi-110087 | | |
| Any Other Information | -- | | |

General Remarks: (if any)

- The test results presented in this report relate only to the object tested.
- This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory.

| Tested By | Approved By / Authorized Signatory | Issued By |
|---|---|---|
|  |  |  |
| Test Engineer: Mr. SHIVAM SHAHI | Technical Manager: Mr. DHANANJAY KR. SHARMA | IA: Mr. ASHISH RANA |
| Date: 29/11/2021 | Date: 29/11/2021 | Date: 29/11/2021 |

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| S.NO | TEST | REQUIREMENTS | TEST METHOD | RESULTS |
|------|-----------------------|---|----------------|----------------------------------|
| 1. | Sine Vibration test | Sine Vibration test shall be tested as per IEC 60068-2-6 | IEC 60068-2-6 | Pass (See Attachment Annex 1) |
| 2. | Shock test | Shock test shall be tested as per IEC 60068-2-27 | IEC 60068-2-27 | Pass (See Attachment Annex 1) |
| 3 | Random Vibration Test | Random Vibration test shall be tested as per IEC 60068-2-64 | IEC 60068-2-64 | Pass (See Attachment Annex 1) |

Annex 1

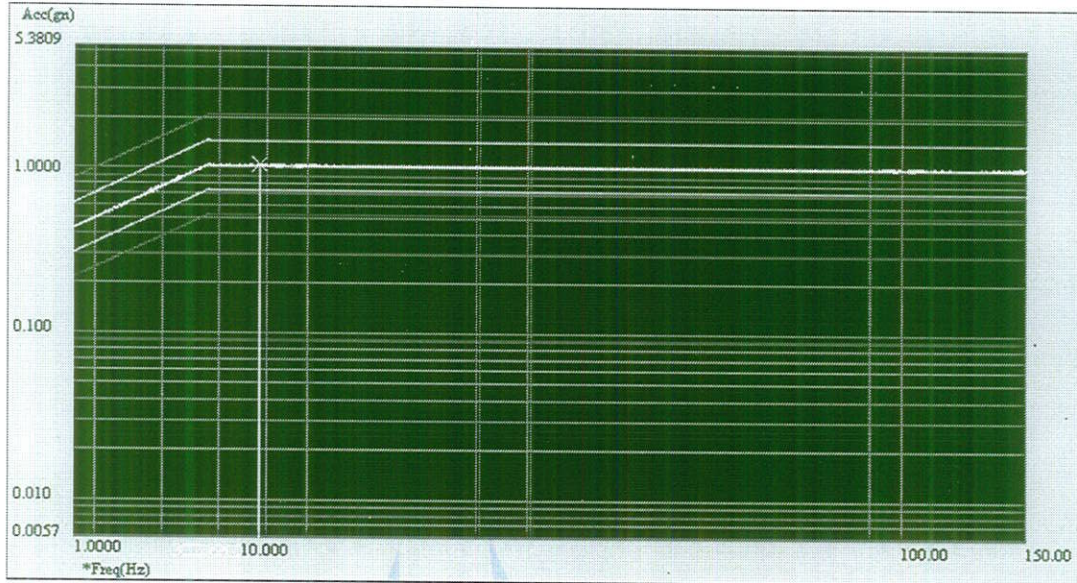
| Sr. No. | Clause No. | Parameter & Test Conditions | Test Requirement | Measured/ Values/ Observations | Remark | | | | | | | | | | |
|-----------|--|--|--------------------|--------------------------------|--|--------|----------|------|------------|------|--------------|------|--------------------|---------------------------|--------------|
| 1. | Sine Vibration test (IEC 60068-2-6) | Freq. Range 10-150Hz, 10m/s ² (1g _n), 3 axes, sweep rate 1 octave/min 1 sweep/axis | Visual examination | No visual damage observed | Satisfactory | | | | | | | | | | |
| 2. | Random Vibration Test (IEC 60068-2-64) | Duration: 5 Hours in each Orientation. Duration : 15Hours <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Freq (Hz)</th> <th>Orientation</th> <th>ASD Level (m/s²)²/Hz</th> </tr> </thead> <tbody> <tr> <td rowspan="3">10-150</td> <td>Vertical</td> <td>2.00</td> </tr> <tr> <td>Transverse</td> <td>2.00</td> </tr> <tr> <td>Longitudinal</td> <td>0.16</td> </tr> </tbody> </table> | Freq (Hz) | Orientation | ASD Level (m/s ²) ² /Hz | 10-150 | Vertical | 2.00 | Transverse | 2.00 | Longitudinal | 0.16 | Visual examination | No visual damage observed | Satisfactory |
| Freq (Hz) | Orientation | ASD Level (m/s ²) ² /Hz | | | | | | | | | | | | | |
| 10-150 | Vertical | 2.00 | | | | | | | | | | | | | |
| | Transverse | 2.00 | | | | | | | | | | | | | |
| | Longitudinal | 0.16 | | | | | | | | | | | | | |
| 3. | Shock test (IEC 60068-2-27) | Half sine wave 6 ms, 10g, 6 number of shocks, 3 pulses per direction | Visual examination | No visual damage observed | Satisfactory | | | | | | | | | | |



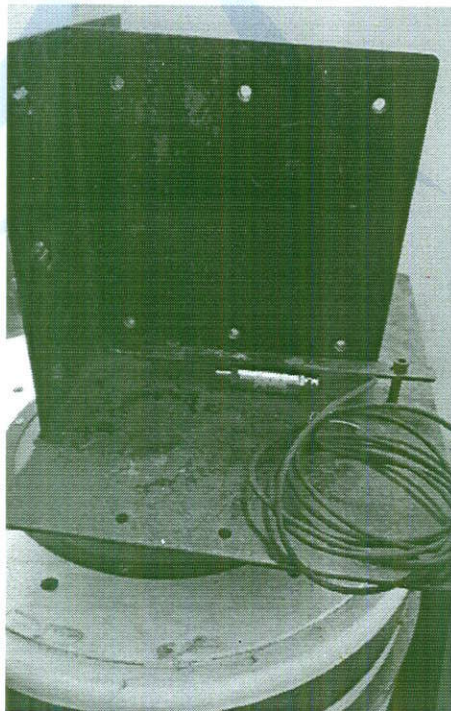
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Sine vibration test profile



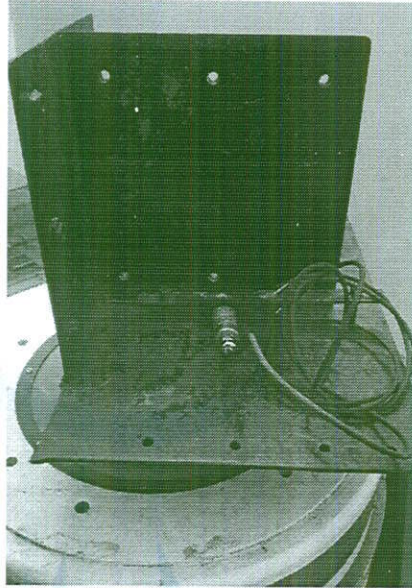
Test set up X-Axis



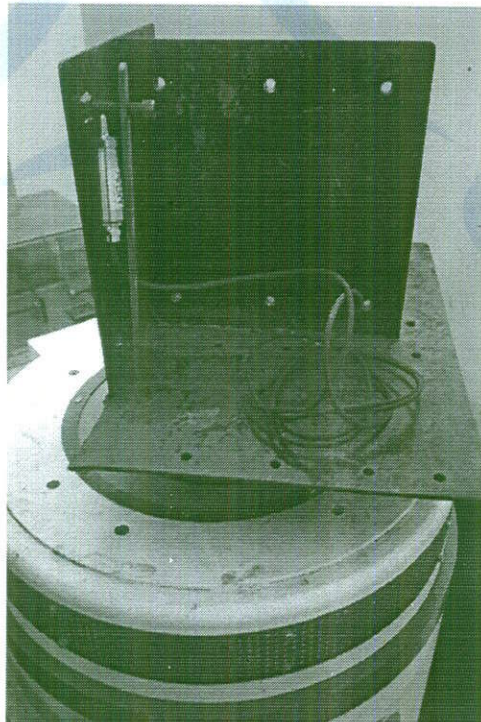
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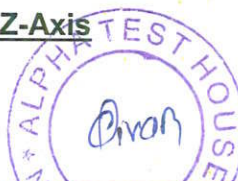
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Test set up Y-Axis



Test set up Z-Axis

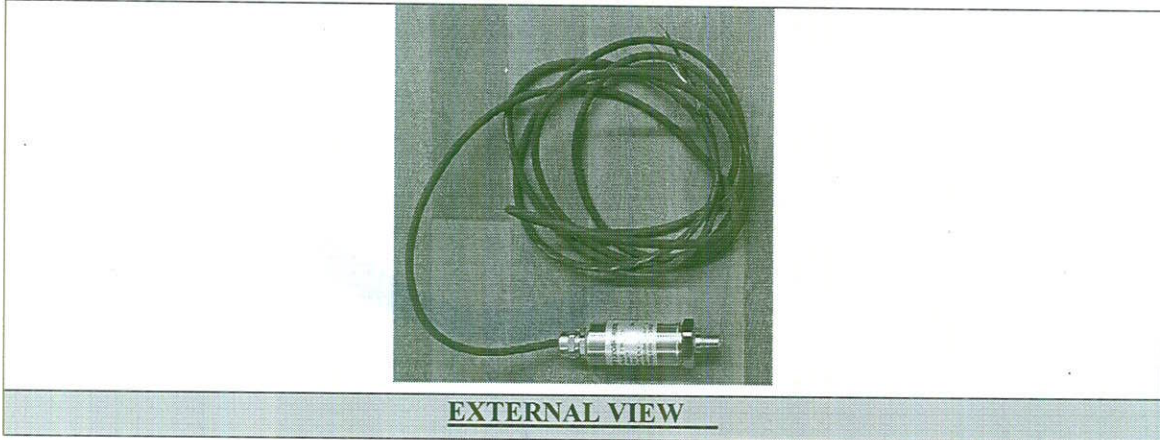


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PHOTOGRAPH OF SAMPLE



EXTERNAL VIEW

END OF TEST REPORT

