



सी एस आई आर - राष्ट्रीय भौतिक प्रयोगशाला  
CSIR-NATIONAL PHYSICAL LABORATORY

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
(Council of Scientific and Industrial Research)

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परीक्षण रिपोर्ट  
TEST REPORT

Sound Transmission Loss

दिनांक/Date	परीक्षण रिपोर्ट संख्या/Test Report No.	पृष्ठ / Page	पृष्ठों की संख्या / No. of Pages
05-09-2014	14080620/D5.07/A/T-032	1	2

1. Tested for : M/s. Envirotech System Pvt. Ltd.  
B-1A/19, Ist Floor,  
Commercial Complex, Sector-51  
Noida - 201 307  
Customer Ref. No.: Nil  
dated 28/08/2014
2. Description and Identification of Items : 100 mm thick Sliding Partition / Movable wall panel both faces laminated with 12 mm thick MDF board and Acoustic Insulation Material filled in between (sample size - 93 cm x 63 cm)
3. Environmental Conditions : Field Temperature: 28.0 °C  
Relative Humidity: 70.0 %RH
4. Standards used and Associated Uncertainty : Working Standard Microphone, ± 0.2 dB
5. Traceability of Standard Used : The standards used for testing are traceable to National Standards
6. Principle/Methodology of Testing and Test Procedure No. : IS:9901 (Part III)-1981, DIN:52210 Part IV-1984  
ISO: 140 (Part III) - 1995,  
"Measurement of Sound Insulation in Building and of Building Elements"  
Part III: Laboratory Measurements of Airborne Sound Insulation in Building and of Building Elements  
Sub-Div # 5.07/A/Doc. 3/ TP # 15
7. Results:

As requested by the party, the acoustical material was tested for its airborne sound insulation by using two reverberation chambers under existing environmental conditions. The sample was fixed in the common opening between the two chambers. The volume of the source room was 257 m<sup>3</sup> and that of the receiver room was 271 m<sup>3</sup>. Adequate diffusion excited in both the chambers.

परीक्षणकर्ता:

Tested by:

(Mr. Gurbir Singh)

जाँचकर्ता:

Checked by:

(Dr. Mahavir Singh)

जारीकर्ता:

Issued by:



डॉ. वी. के. गुम्बर  
Dr. V. K. Gumber

प्रभारी वैज्ञानिक:

Scientist-in-charge:

(Dr. T. K. Saxena)

