

ONMUSE INDUSTRIAL LIMITED  
ROOM D, 10/F., TOWER A, BILLION CENTRE, 1 WANG KWONG ROAD, KOWLOON BAY, KOWLOON,  
HONGKONG

Sample Description : MOVABLE SILENCE BOOTH / MOVABLE SILENCE CABINET  
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Ref No. : 230316-1  
Test Performing Date : Mar 10, 2023  
Test project : Noise Reduction  
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

*Marco Leung*

Marco Leung  
Authorized Signatory

scan to see the report



SDHL2304006348FT



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**I、 Condition**

- 1) Volume of reverberation room:200m<sup>3</sup>
- 2) Specifications: 1000mm×1000mm×2200mm
- 3) Temperature:21°C, Relative humidity:65%

**II、 Method of Measurement**

According to 'ASTM E596-96: Standard Test Method for Laboratory Measurement of Noise Reduction of Sound Isolating Enclosures' and 'ASTM E413-10: Classification for Rating Sound Insulation'.

The Noise reduction *NR* shall be calculated by the following equation:

$$NR = \bar{L}_1 - \bar{L}_2 \quad (1)$$

$\bar{L}_1$  ——space averaged sound pressure level measured outside the enclosure  
(in the reverberation room), dB;

$\bar{L}_2$  ——space averaged sound pressure level measured inside the enclosure, dB;

*NR* ——noise reduction, dB;

**III、 Instrumentation**

- B&K 2270 Investigation
- Power amplifier B&K 2716
- Omni directional speaker B&K 4292
- Microphone B&K 4189
- and accessories.



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**IV、 Test Results:**

Specifications	Sound isolation house: 1000mm×1000mm×2200mm
Frequency (Hz)	The noise reduction <i>NR</i> , dB
80	3.4
100	<b>6.6</b>
<b>125</b>	21.7
160	29.3
200	<b>35.7</b>
<b>250</b>	36.6
315	26.9
400	<b>30.7</b>
<b>500</b>	31.7
630	31.0
800	<b>30.5</b>
<b>1000</b>	31.2
1250	31.8
1600	<b>31.4</b>
<b>2000</b>	39.0
2500	43.2
3150	<b>42.3</b>
<b>4000</b>	41.6
5000	40.9
<b>NIC</b>	<b>33</b>

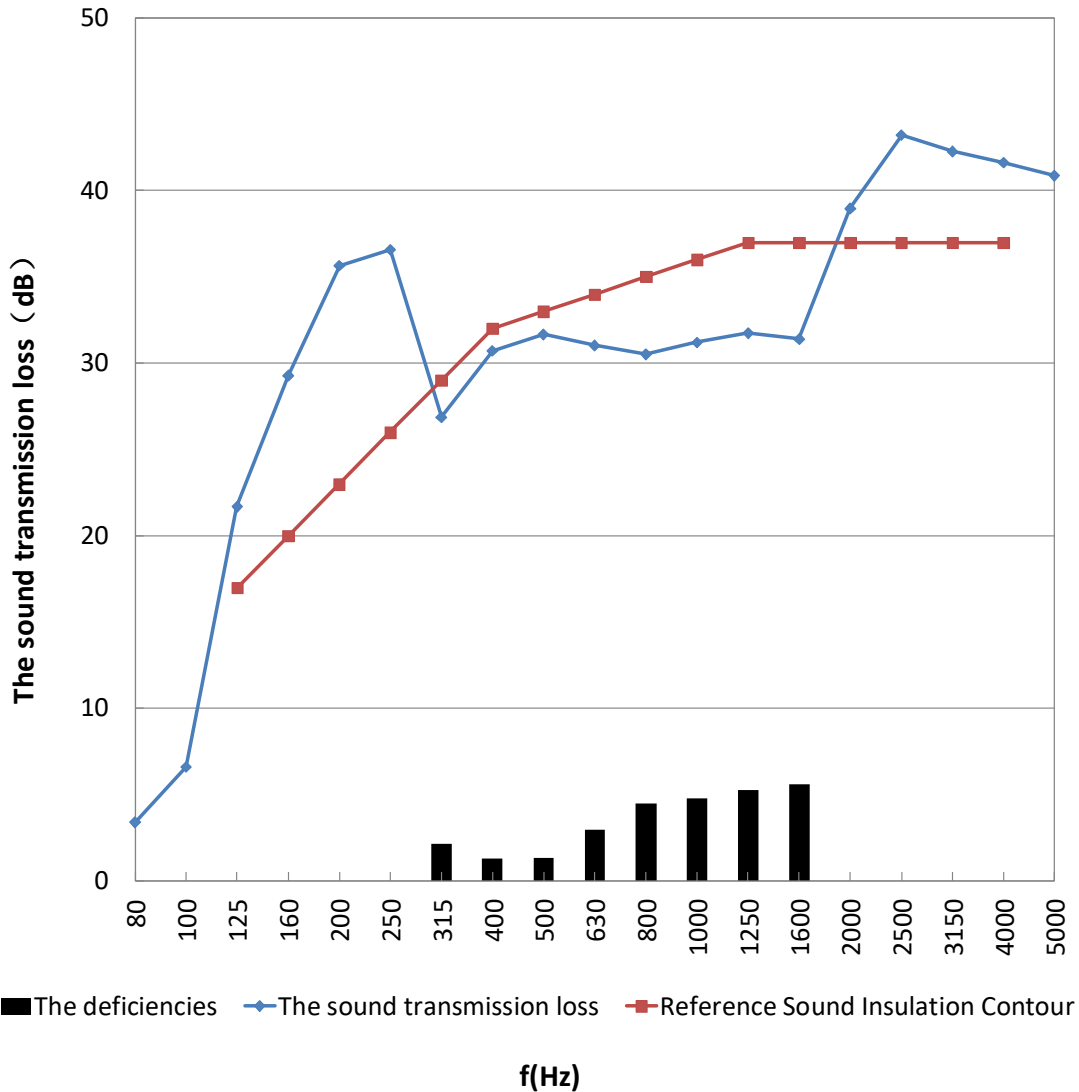


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And The results of noise reduction are plotted as follows.

Sound isolation house



■ The deficiencies    ◆ The sound transmission loss    ■ Reference Sound Insulation Contour

f(Hz)



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### Photographic Records



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**Remark:**

1. This test was subcontracted to Subtropical Architecture Institute, South China University of Technology.
2. This test report is issued based on the modification of the original No. SDHL2303004061FT test report issued on Mar 21, 2023. And the original report is still valid. According to applicant's requirements, following changes are included:
  - a. Change of applicant's name.
  - b. Change of applicant's address.

\*\*\*End of Report\*\*\*



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