



PRASAR BHARATI
(Broadcasting Corporation of India)
Research Department
All India Radio & Doordarshan
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New Delhi-110002.



Testing Date: 27.08.2009

Group Acoustics Lab

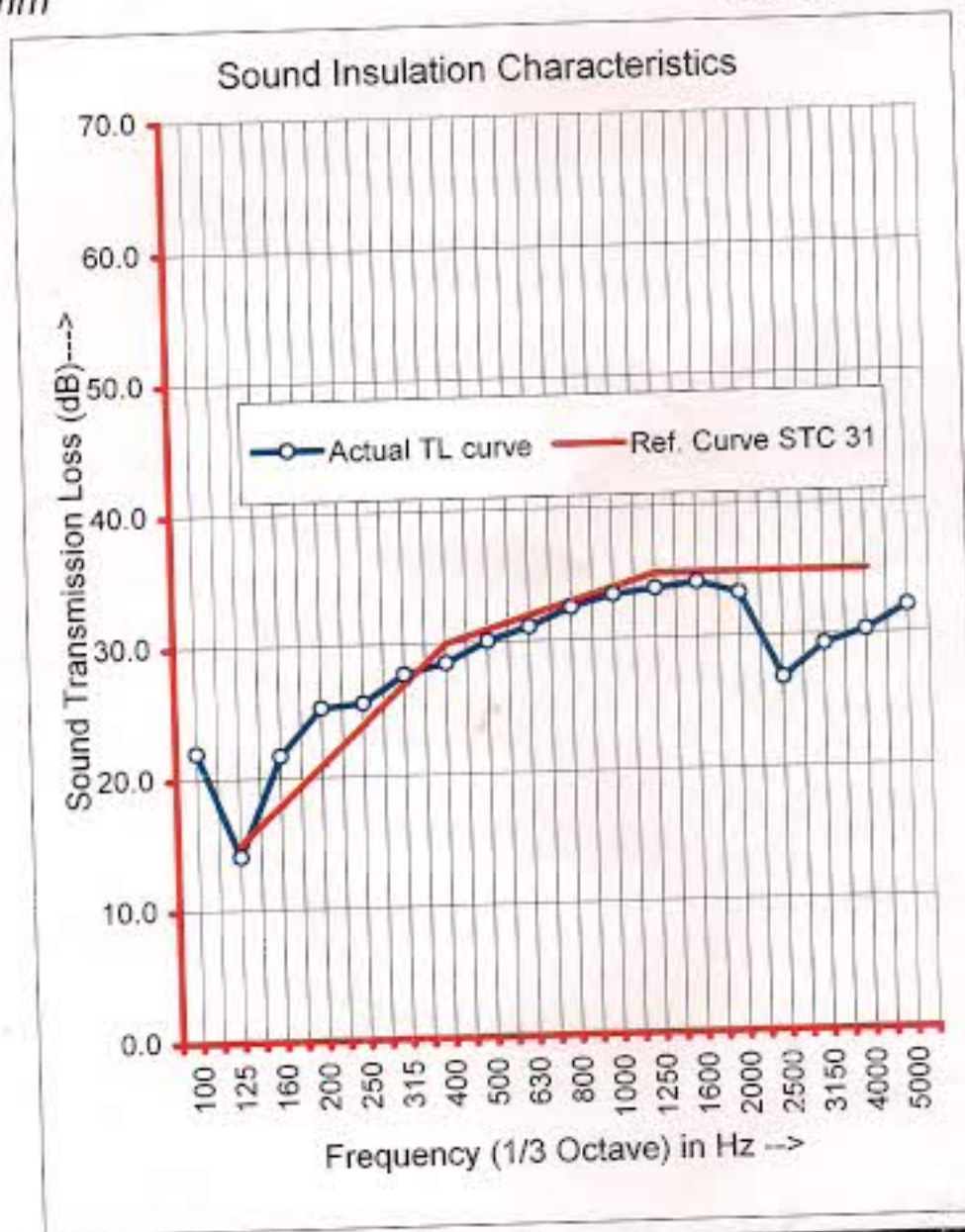
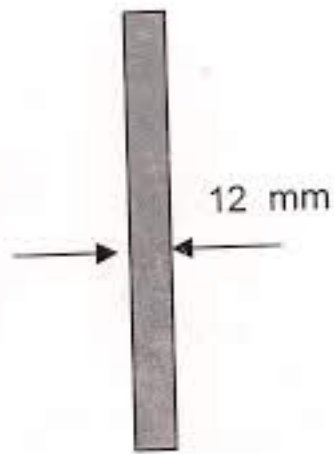
Test Report

Description of Test Specimen:

Manufacturer/Client: **M/s N C L Industries Ltd**
Sample Name: Cement Bonded Particle Board (Bison panel)
Test Combination: 12 mm Bison Panel
Density/Weight: **1270 Kg/m³**
Test Surface Area: **1.95 m²** (72" x 42")
Thickness: **12 mm**

Description of Laboratory:

Volume of RT Room: **151.10 m³**
Volume of RX Room: **60 m³**
Temperature: **32 °C**
Humidity: **48 %**
Type of Noise: **Pink**
Using **NORSONIC ANALYSER**



STC 31

MEASURED DATA:

Fre. (Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
TL (dB)	22.00	14.10	21.70	25.30	25.60	27.70	28.50	30.10	31.10	32.50	33.40	33.80	34.20	33.30	26.80
Fre. (Hz)	3.15k	4k	5k												
TL (dB)	29.30	30.30	32.10												

Method of Measurement:

IS:9901-III/ ISO 140-3/ ASTM 90E,413

Sharma
Asstt. Engr. 27.08.09

(DNYADAV)
27/8/09
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निदेशक / Deputy Director
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