



PRASAR BHARATI
 (Broadcasting Corporation of India)
 Research Department
 All India Radio & Doordarshan
 14-B I. P. Estate, Ring Road
 New Delhi-110002.



Group **Acoustics Lab**

Testing Date: 05.05.2009

Test Report No. 02/09-10

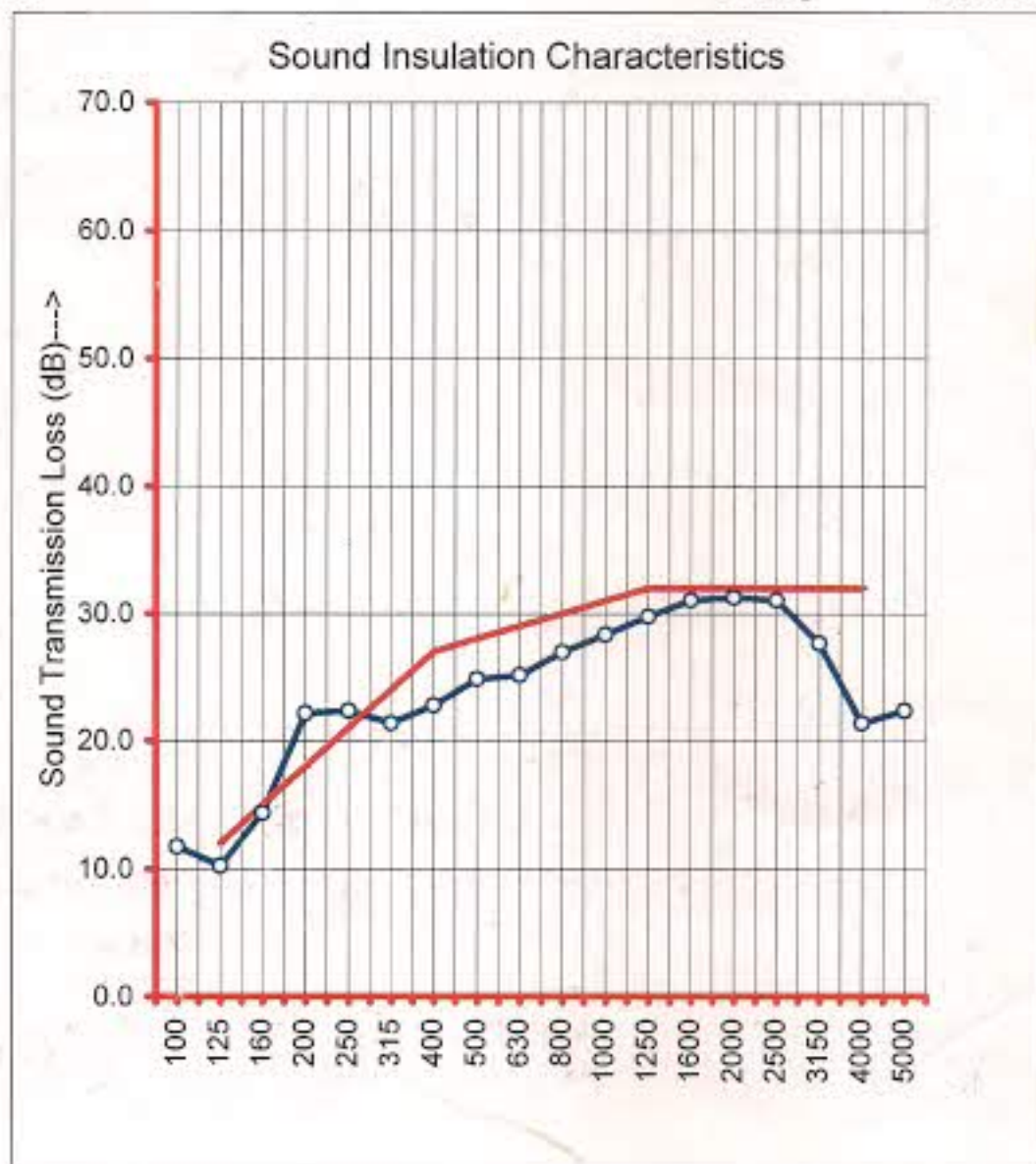
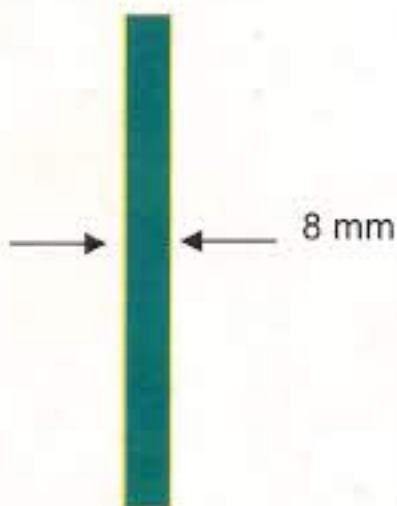
Description of Test Specimen :

Manufacturer/Client: **M/s NCL Industries Ltd,**
 Sample Name: **Cement bonded Particle Board(Bison Panel)**
 Test Combination: **Bare Material**
 Density/Weight: **1250 Kg/m³**
 Test Surface Area: **1.95 m² (72" x 42")**
 Thickness: **8 mm**

Description of Laboratory :

Volume of RT Room: **151.10 m³**
 Volume of RX Room: **60 m³**
 Temperature: **34 °C**
 Humidity: **41 %**
 Type of Noise: **Pink**
 Using **NORSONIC ANALYSER**

PROFILE:



Legends:	
—	Ref. Curve of STC 28
—	Actual Curve

STC 28

MEASURED DATA:

Fre.(Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
TL(dB)	11.70	10.20	14.30	22.10	22.30	21.30	22.70	24.80	25.10	26.90	28.30	29.70	31.00	31.20	31.00
Fre.(Hz)	3.15k	4k	5k												
TL(dB)	27.60	21.30	22.30												

Method of Measurement:

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

Sharon
 15.5.09
 Asstt. Engr.

(DNYADAV)
 Dy. Director(R) / Director(R)
 प्रमुख विभाग Research Dept
 आकाशवाणी एवं दूरदर्शन
 All India Radio & Doordarshan
 14 प्र० एस्टेट, नई दिल्ली-110002
 I. P. Estate, New Delhi-110002