



**PRASAR BHARATI**  
 ( India's Public Service Broadcaster )  
 Research Department  
 All India Radio & Doordarshan  
 14-B I. P. Estate, Ring Road  
 New Delhi-110002.



Group Acoustics Lab

Dated: 05.12.16

**Test Report No. - 09/16-17**

Description of Test Specimen:

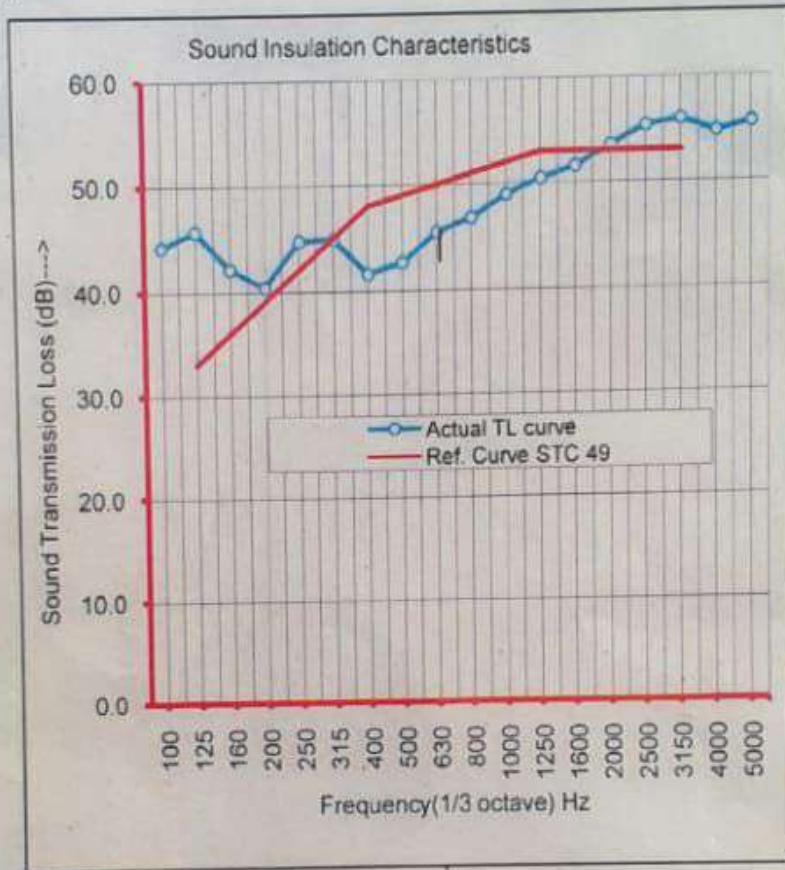
Manufacturer/Client: M/s Jindal Mechno Bricks  
 Name of Representative: Mr. Dara Singh  
 Sample Name: Mmulti hole brick (size230x110x65 mm)  
 Test Combination: As per profile\*  
 Density/Weight: 2.100 Kg per pic  
 Test Surface Area: 1.95 m<sup>2</sup> (72" x 42")  
 Thickness: 65 mm

Description of Laboratory:

Date of Testing: 28.11.2016  
 Volume of RT Room: 151.1 m<sup>3</sup>  
 Volume of Rx Room: 60 m<sup>3</sup>  
 Temperature: 25 °C  
 Humidity: 46 %  
 Type of Noise: Pink  
 Equipment: Building Acoustic Analyzer

Profile:

\* Multiple pics have been fixed with mixer (cement + dust)



**MEASURED DATA:**

Fre. (Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	
TL(dB)	44.09	45.56	42.01	40.27	44.62	44.80	41.43	42.51	45.35	46.64	48.85	50.28	51.43	53.40	55.20	
Fre. (Hz)	3.15k	4k	5k													
TL(dB)	55.83	54.56	55.44													

**STC 49**

**Method of Measurement:**

IS:9901-III/ISO: 140/ASTM 90/ 413

*[Signature]*  
 Asstt. Engineer

*[Signature]*  
 Awadheshwar Saha  
 Asstt Director (E)

*[Signature]*  
 6/12/2016  
 A P Singh  
 Director (E)