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# INDUSTRIAL CONSULTANCY SERVICES J.N.T.U.H. COLLEGE OF ENGINEERING

Kukatpally, Hyderabad - 500 085, A.P.

Ref: JNTU/CEH/CIVIL/ICS/M.T/Particle board/6647/2010

Date: 31-12-2010

Receipt No: 1754

**ICS**

From  
The Chief Coordinator  
Industrial Consultancy Services,

To,  
M/s NCL INDUSTRIES LIMITED,  
Rahhava Ratna Towers,  
7<sup>th</sup> Floor, Chirag Ali Lane,  
Hyderabad-500 001.A.P  
Sir,

Sub:- Testing of cement particle board (Bison Panel) for bending moment (BM) and Shear force strength(SFS) for 16mm and 18mm thickness. Test Results.

Ref. :- Your Letter No :NCLB/MKTG/2010-11, Dated:16-11-2010

With reference to the letter cited above, testing of cement particle board (Bison Panel) for bending moment (BM) and Shear force strength(SFS) for 16mm and 18mm thickness

### Test Results

S.No.	Size(mm)	Span(mm)	Thickness(mm)	2 Supports maximum load Kg/Sq.m
1	320X320	300	16	1041
2	320X320	300	16	
3	320X320	300	16	
1	420X420	400	16	589
2	420X420	400	16	
3	420X420	400	16	
1	520X520	500	16	381
2	520X520	500	16	
3	520X520	500	16	
1	620X620	600	16	274
2	620X620	600	16	
3	620X620	600	16	

Faculty-in-charge

Professor

Chief Coordinator ICS  
Co-ordinator Conti..





ICS

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### Test Results

S.No.	Size(mm)	Span(mm)	Thickness(mm)	2 Supports maximum load Kg/Sq.m
1	320X320	300	18	1332
2	320X320	300	18	
3	320X320	300	18	
1	420X420	400	18	753
2	420X420	400	18	
3	420X420	400	18	
1	520X520	500	18	482
2	520X520	500	18	
3	520X520	500	18	
1	620X620	600	18	335
2	620X620	600	18	
3	620X620	600	18	

  
Faculty-in-charge

  
Professor

  
Chief Coordinator ICS

