



**DEPARTMENT OF CIVIL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (HP).**

Test result report of material as supplied by The General Manager, Aar Aar Castings Limited  
Village Jharmajari, P.O. Brotiwala Distt. Solan. vide letter No. nil dated 23.8.2008.

**TEST REPORT**

Sample No.	Dia in mm	Tensile Stress N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	% Elongation	Bend	Rebend
1	8	556.88	500.40	17.85	Safe	Safe
1	10	534.54	490.91	17.88	Safe	Safe
1	12	547.99	494.96	20.00	Safe	Safe
1	16	556.82	507.71	21.87	Safe	Safe
1	20	572.73	515.46	22.72	Safe	Safe
1	25	610.91	547.78	21.21	Safe	Safe
1	28	582.59	528.97	21.62	Safe	Safe
1	32	596.70	538.93	22.68	Safe	Safe

  
OIC (Lab.)  
Naresh Kumar

  
Prof. & Head  
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