



**SHRI KARVIR NIVASSINI
MAHALAXMI ISPAT PVT. LTD.**

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TEST RESULTS

TEST CERTIFICATE FOR
THERMO METALLURGICALLY TREATED BARS.



To, **SAMPLE TEST REPORT**
M/s. _____

Test certificate No. : _____

It is certified that, the bars prescribed in the invoice confirms to IS : 1786 - 2008 specifications.
The chemical composition & the mechanical properties are tested as per ISI procedure & the results are as follows.

Invoice No.: _____ Date : 15/12/2021 Truck No.: _____

Date : 15/12/2021

NOMINAL SIZE MM	LOT NO.	QUANTITY MT	CHEMICAL ANALYSIS				CARBON EQUIVALENT (CE)	MECHANICAL PROPERTIES				GRADE		
			C%	S%	P%	S%+P%		Mn%	0.2% Proof Stress N/mm ²	Ultimate Tensile Strength N/mm ²	% ELONGATION		BEND TEST	REBEND TEST
08 MM.	M121/T08	-----	0.22	0.041	0.051	0.092	0.53	0.32	564.02	659.68	17.50	OK	OK	Fe-500
10 MM.	M125/T10	-----	0.19	0.047	0.045	0.092	0.53	0.29	543.02	632.43	18.90	OK	OK	Fe-500
12 MM.	M129/T12	-----	0.21	0.024	0.051	0.075	0.51	0.31	568.41	681.01	17.50	OK	OK	Fe-500
16 MM.	M107/T16	-----	0.24	0.048	0.043	0.091	0.56	0.35	556.55	649.78	18.05	OK	OK	Fe-500
20 MM.	M131/T20	-----	0.22	0.034	0.043	0.077	0.60	0.33	537.52	660.53	18.95	OK	OK	Fe-500
25 MM.	M117/T25	-----	0.27	0.028	0.044	0.072	0.42	0.36	569.41	676.01	17.00	OK	OK	Fe-500
32 MM.	M128/T32	-----	0.25	0.041	0.045	0.086	0.52	0.35	541.59	666.75	17.45	OK	OK	Fe-500

The material supplied confirms to the Standard rolling & mass tolerance.



Checked by D. W. Gole

Tested by _____ Checked by _____ Standard Results are on over/leaf.