



**ADVANCE TEST CERTIFICATE
STEEL AUTHORITY OF INDIA LIMITED
ROURKELA STEEL PLANT
ROURKELA - 769011 (ORISSA)**

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Test Certificate No : 0000007847 Grade : WTDTOCRLA CU1 S.O. Number : P.O. Number :	Method of Manufacture SW Size (OD X WT) in mm 812.800 X 12.000 Customer
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Guided Bend Test of all pipes are OK. Pipes are Hydrotested for 5 secs. Marking of all Pipes as per WT-WTD

Ladle Analysis

Cast No	C%	Mn%	P%	S%	Si%	Al%	CE
2509727	0.0900	0.8700	0.0190	0.0090	0.1980	0.0200	0.2510
2509729	0.1000	0.8700	0.0220	0.0080	0.1880	0.0220	0.2617
2509732	0.0900	0.8500	0.0220	0.0210	0.1760	0.0470	0.2320
2509735	0.1000	0.8200	0.0140	0.0100	0.1790	0.0400	0.2370
2509813	0.0900	0.9000	0.0160	0.0050	0.2450	0.0280	0.2533

Product Analysis

Cast No	C%	Mn%	P%	S%	Si%	Al%
2509727	0.0800	0.8600	0.0200	0.0300	0.1680	0.0460
2509729	0.0800	0.8600	0.0200	0.0180	0.1860	0.0200
2509732	0.0900	0.8400	0.0220	0.0190	0.1780	0.0410
2509735	0.0900	0.8200	0.0120	0.0080	0.1790	0.0380
2509813	0.0800	0.8800	0.0150	0.0060	0.2390	0.0260

SI NO	RSL NUMBER	CAST NO	LENGTH	WEIGHT(T)	YS	UTS B	EI	GB Test	Test Pressure						
					MPa	MPa	%		MPa						
1	25II18501	2509727	12.000	2.844	283	402	39	OK	4.1						
2	25II18526	2509735	11.950	2.832	283	402	39	OK	4.1						
3	25II18549	2509729	11.980	2.839	283	402	39	OK	4.1						
4	25II18550	2509732	12.060	2.858	283	402	39	OK	4.1						
5	25II18551	2509732	11.930	2.827	283	402	39	OK	4.1						
6	25II18552	2509732	11.920	2.825	283	402	39	OK	4.1						
7	25II18553	2509732	11.720	2.778	283	402	39	OK	4.1						
8	25II18554	2509732	11.930	2.827	283	402	39	OK	4.1						
9	25II18555	2509735	11.930	2.827	283	402	39	OK	4.1						
10	25II18556	2509727	11.940	2.830	283	402	39	OK	4.1						
11	25II18557	2509732	11.970	2.837	283	402	39	OK	4.1						



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Test Certificate No	:	0000007847	Method of Manufacture	SW
Grade	:	WTDTOCRLA CU1	Size (OD X WT) in mm	812.800 X 12.000
S.O. Number	:		Customer	
P.O. Number	:			

SI NO	RSL NUMBER	CAST NO	LENGTH	WEIGHT(T)	YS	UTS B	EI	GB Test	Test Pressure						
					MPa	MPa	%		MPa						
12	25II18558	2509727	11.900	2.820	283	402	39	OK	4.1						
13	25II18559	2509813	11.790	2.794	283	402	39	OK	4.1						
14	25II18560	2509813	11.290	2.676	283	402	39	OK	4.1						
15	25II18561	2509813	11.800	2.797	283	402	39	OK	4.1						
16	25II18562	2509727	11.970	2.837	283	402	39	OK	4.1						
17	25II18563	2509732	11.920	2.825	283	402	39	OK	4.1						
18	25II18564	2509732	11.930	2.827	283	402	39	OK	4.1						
19	25II18565	2509727	12.020	2.849	283	402	39	OK	4.1						
20	25II18566	2509727	12.000	2.844	283	402	39	OK	4.1						
21	25II18567	2509727	11.980	2.839	283	402	39	OK	4.1						
22	25II18573	2509729	12.040	2.853	283	402	39	OK	4.1						
23	25WI18601	2509735	12.490	2.960	281	394	39	OK	4.1						
24	25WI18628	2509813	12.030	2.851	281	394	39	OK	4.1						
25	25WI18629	2509729	11.730	2.780	281	394	39	OK	4.1						
26	25WI18631	2509735	12.030	2.851	281	394	39	OK	4.1						
27	25WI18632	2509735	11.960	2.835	281	394	39	OK	4.1						

Total Length : 322.21

REMARKS:

This is Computer generated Document. Signatue not required.