



JINDAL STEEL & POWER LIMITED
 Works: Chhendipada Road, SH- 63. At Po: Jindal Nagar. Dist : Angul (ODISHA)-759111 INDIA
 Email: qclab.pm@angul.jspl.com
 Registered Office: Post box No. 6, P Jindal Marg, Hisar (Haryana)
 Corporate Office: Jindal Center, 12 Bhikaji Cama Palace, New Delhi -110066 INDIA
 Phone No.:(06761) 254191-95; Fax :-06761 -254141-44

108500



0045

13

0045 - CPR - 1835

Date : 27.03.2017

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Test Certificate No. 0000003055

To, M/s NETWORK STEEL S.L. SPAIN
 CARDENAL MARCELO SPINOLA 2-5 PLTA.28016 MADRID SPAIN CIF 883,SPAIN,PIN-00000Dadra and Nagar Hav.

TEST RESULTS

Supply Condition: AS
 ROLLED(TMCP)

Deoxidation : Fully Killed

Process of Manufacture : EAF->LRF->VD->CCM->RHF->Hot rolling
 (EAF - Electric Arc Furnace / LRF: Ladle Refining Furnace / VD : Vacuum Degassing / CCM : Continuous Casting Machine/ RHF : Re-Heating Furnace)

Material Grade : EN10025-2 S275JR+AR Plate Dimension -Thickness x Width x Length : 90.00MMX2500MMX12000MM																				Mechanical Properties												
Heat No	Plate No	No.of Pcs	Wt. MT	Chemical Analysis																YS	UTS	%EL*	Bend Test				Impact Value at(J)					
				L/P	%C	%Mn	%S	%P	%Si	%Al	%Cu	%V	%Nb	%Ti	%Mo	%Ni	%B	%Cr	N2	CE	Mpa	Mpa		Mand Dia.	I	II	III	Avg	Temp	U	C	Orien
Material Grade : EN10025-2 S275JR+AR Plate Dimension -Thickness x Width x Length : 90.00MMX2500MMX12000MM																				Mechanical Properties												
A70769/08A0	1	21.195	L	0.18	0.97	0.003	0.021	0.17	0.017	0.005	0.002	0.001	0.017	0.001	0.007	0.0004	0.011	58	0.34	299	439	28		265	241	227	244.33	20				L
A70769/09A0	1	21.195	L	0.18	0.97	0.003	0.021	0.17	0.017	0.005	0.002	0.001	0.017	0.001	0.007	0.0004	0.011	58	0.34	299	439	28		265	241	227	244.33	20				L
A70769/10A0	1	21.195	L	0.18	0.97	0.003	0.021	0.17	0.017	0.005	0.002	0.001	0.017	0.001	0.007	0.0004	0.011	58	0.34	302	458	26		263	241	233	245.66	20				L
A70769/11A0	1	21.195	L	0.18	0.97	0.003	0.021	0.17	0.017	0.005	0.002	0.001	0.017	0.001	0.007	0.0004	0.011	58	0.34	302	458	26		263	241	233	245.66	20				L
A70769/12A0	1	21.195	L	0.18	0.97	0.003	0.021	0.17	0.017	0.005	0.002	0.001	0.017	0.001	0.007	0.0004	0.011	58	0.34	302	458	26		263	241	233	245.66	20				L
A70770/01A0	1	21.195	L	0.18	0.96	0.003	0.018	0.21	0.015	0.005	0.002	0.001	0.015	0.002	0.006	0.0004	0.008	54	0.34	283	451	25		198	202	245	215.00	20				L
Sub Total	6	127.170																														

We hereby certify that Material described herein has manufactured and tested with satisfactory results in accordance with the requirements of the above said material specification. The above material supplied conforms to the specified dimensions and tolerances as per specifications and as per mutually agreed Technical Delivery Conditions

Purchase Reference & Date: PROV/EXP/PLT/6072/ 18.02.2017
 Despatch Advice No:
 Vehicle No.
 * DOP can be viewed at www.jindalsteelpower.com"
 * Gauge Length: 5.65(SO)1/2

Prepared by L. SRIVASTAV
 Preparation Date :27.03.2017 15:19:48
 Printing Date 30.03.2017 & Time 15:33:45

Authorised Signatory
 QA/QC Plate Mill
 For, JINDAL STEEL & POWER LIMITED

JSPL/ANG/PM-QA&QC/F-25J

ONIRAM, LDA
 DEP. QUALIDADE
 RECEPÇÃO

DATA 20x.05.17



NO. DIAMOND Sky

108.500

JINDAL STEEL & POWER LIMITED

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INSPECTION CERTIFICATE

Test Certificate No. 000003055

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				L/P	%C	%Mn	%S	%P	%Si	%Al	%Cu	%V	%Nb	%Ti	%Mo	%Ni	%B	%Cr	N2 ppm	CE	Mpa	Mpa	Mand Dia.	I	II	III	Avg	Temp °C	Orien.				
A70770/02A0	1	21	195	L	0.18	0.96	0.003	0.018	0.21	0.015	0.005	0.002	0.001	0.015	0.002	0.006	0.0004	0.008	54	0.34	283	451	25		198	202	245	215.00	20	L			
Sub Total		7	148	365																													
G Total		81	1439	393																													

- Remarks : 1. Test Certificate as per EN 10204, 2004 Type 3.1
 2. Material mentioned above also conforms to EN10025-2:2005 S275JR+AR
 3. Material also conforms to TDC Doc. No. : JSPL/ANGUL/TDC/M0344; Rev.00, Dt. 20.02.2017
 4. Dimensional Tolerance: Thickness tolerance found satisfactory as per EN 10029:2011 of Class A subclass 3
 5. Surface Inspection: As per EN 10163:2005 class A subclass 3
 6. Flatness: As per EN 10029:2011 Table 4 class N (L Type)
 7. Test Piece: Chemical as per EN ISO 14284:2003, Tensile as per DIN EN ISO 6892-1:2009 & Impact as per DIN EN ISO 148-1:2011
 8. CE (IIW) : C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15
 9. Marking details: Mfg. Name, & logo, plate identification, specification & grade, size & customer name.

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