

## JAYASWAL NECO INDUSTRIES LIMITED

(STEEL PLANT DIVISION)

SILTARA INDUSTRIAL GROWTH CENTRE, RAIPUR (C.G.)
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TEST CERTIFICATE

No:BM 6092

PECIFICATION  EV No / REF NO  EAT NO  RADE  ECTION(MM)	:250 X 250 :BF/EDF/LRF/VD/CCM/SEN/M'EMS/AMLC														GA/RM/F10 : 1767 :MH18AN/9299 :22/05/2018 :29 PCS/04 BNDLS : 7.060 :RED+YELLOW :AS ROLLED :XL=5-6 MTR					
; XC ; XF	in ; %P	; %5	; %Si	1 1	XCr ;	ZNi	%Mo :	%Pb	;	%Cu :	%Sn	1 %	V	: 7	Ti !	%В	ŀ	%A1 :	%Ca	
CUST. MIN ; ; 0. SPEC. MAX ; 0.200; 1.	500:	0; 0.05	;	; 0 50; 1	.750; .250;	1.000 1.500	0.080;		1 1			} -		: -	- 1		5 1 2	0.020;		
ACTUAL : 0.170; 0.	930: 0.01	4: 0.02	5; 0.2	2001 1	.120;	1.020	0.110;	-	: 0	0.011;	0.003	3: 0.	004	:0.0	002010	.000	4;	0.026;	0.0011	
. MECHANICAL PROPERTIES			SPECIF	IED			ACTUAL													
/S JTS ELDNGATIONS(5.65Sq.rt.A) REDUCTION AREA % IMPACT VALUE HARDNESS(BHN/HRB/HRC) J. METALLURGICAL PROPER)						190	0/200 BH	N												
MICRO STRUCTURE GRAIN SIZE(ASTM E112/IS: MOTAL DECARB (MM) SAEJ41 INCL RATINGS(ASTM E-45/1	:47 <b>4</b> 8) 19						ARLITE+F	ERRIT	E						4					
							HIN ; TH							H1CI	C					
	SPECIFIC	REQUIF	RMENT		A-2.0/- : B-2.0/- : C-2.0/- : D-2.0/- :															
		ACTUAL		1.5	; 0	.0 ;	0.5 ; 0	.0 ;	0.0	0; 0	.0 ;	1.5	3 (	0.0						
MACRO ETCH TEST (ASTM E 1. D. I. VALUE (J406) JOMINY REGUIREMENT HARDENABILITY IS:3848/A			C2R2S2  6/16"=			BE	TTER THA	N C2R	252.						-1					
DIST-INCH/MM;	1	1	3 4	1 1	;	6/16"	: 1		1	;		;		!	;		1	;		
VALUES(HRC):	-1	1	;	1	;	36.50	: :		:	1		1		1	. 1		1	;		
5. GAS LEVEL(PPM) SPECIF GAS LEVEL(PPM) ACHIEV																				
S. REMARKS			STEP I	OWN T	EST	RAL/MO		CTRO	TEST	T :OK :OK :NA										

AUTHORISED SIGNATORY