

JAYASWAL NECO INDUSTRIES LIMITED

(STEEL PLANT DIVISION)

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

No:8M 310

			- 1			ESI (·E·R	LIFIC	AL	C		710712	<i>II</i> 1 503			
REV No / REF NO HEAT NO PRADE BECTION(MM) REDUCTION RATIO INPUT SIZE (MM) PROCESS ROUTE	FICATION :FI/TDC/S-002.ISSUE NO.1 10 / REF ND :00.* NO :D 59216 :20MNCR5 ON(MM) :65 DIA TION RATIO :9.8 SIZE (MM) :180 X 180 :SS ROUTE :BF/EOF/LRF/VD/CCM/SEN/M'EMS/AMLC							INVOICE NO TRUCK NO DATE NO OF PCS / BNDL QUANTITY (MT) COLOUR CODE SUPPLY CONDITION MULTIPLE LENGTH				:28/04/2018 :90 PCS/06 BNDLS : 12.230 :RED+BLUE DOT :AS ROLLED				
L. CHEMICAL COMPOSITION	/ (Lagie/															*
1 2 1 XI	in : %P	; %5 ;	%5i :	%Cr :	%Ni	%Mo	%РЪ	; %C	너 :	%Sn ;	%V	: %1	i ;	%B	%A1 :	%Ca !
CUST. MIN 0.170 1 SPEC. MAX 0.220 1																
ACTUAL : 0.170; 1	.280; 0.018	3: 0.023;														0.0005!
2. MECHANICAL PROPERTIES	3	SF	ECIFIED			ACTUAL										*
/S JTS ELDNGATIONS(5.65Sq.rt.A REDUCTION AREA % IMPACT VALUE HARDNESS(BHN/HRB/HRC) 3. METALLURGICAL PROPER		::	COBHN MA	ìX.	180)/200 BI	łN									
MICRO STRUCTURE BRAIN SIZE(ASTM E112/IS FOTAL DECARB (MM) SAEJ4 INCL RATINGS(ASTM E-45/	:4748) 19		8	A	6.9	32MM PA	RTIAL									
	*! THICK: THIN : THICK: THIN : THICK: THIN										IN	THICK				
SPECIFIC REQUIRMENT A-2.0/1.5 :																
		ACTUAL	1 1	.5 0),0 ;	0.5 ;	0.0 :	0.0 ;	0.	0 ; 1	.5 :	0.0				
MACRO ETCH TEST (ASTM E 4. D. I. VALUE (J406) JOMINY REQUIREMENT HARDENABILITY IS:3848/A		4,			ВE	TTER TH	AN C2F	252.)				
DIST-INCH/MM:	1	; 4/16"				1	1	;	1	1		1	1		1	
VALUES(HRC): :	1	; 35.50				1 0)	1,	1	1	1 ,		;	1		!	
5. GAS LEVEL(PPM) SPECI GAS LEVEL(PPM) ACHIE																
5. REMARKS		S: UI	00% SPAF TEP DOWN PSET TES 00% BAR	N TEST			ECTRO		:OK :OK :NA							