

JAYASWAL NECO INDUSTRIES LIMITED

(STEEL PLANT DIVISION)

SILTARA INDUSTRIAL GROWTH CENTRE, RAIPUR (C.G.) Ph.: +91-7721-264241/263, Fax No.: +91-7721-264279/264240

TEST CERTIFICATE

No:UM S

REV No / REF NO HEAT NO GRADE SECTION(MM) REDUCTION RATIO INPUT SIZE (MM)	:FORGE INDIA PVT.LTD. DISTT-SOLAN (HP) :FI/TDC/S-002.ISSUE NO.1 :00. :D 59206 :20MNCR5 :50 DIA :16.5 :180 X 180 :BF/EOF/LRF/VD/CCM/SEN/M'EMS/AMLC					DATE NO DF PCS / BNDL QUANTITY (MT) COLOUR CODE SUPPLY CONDITION				DA/RM/F10 :C604HT-1118 :03/05/2018 :68 PS/03 BL. : 5.240 :RED+BLUE DDT :AS ROLLED :5-6MTR.				
1. CHEMICAL COMPOSITION	% (Ladle/	Product)				with with why. Said land dept sta-								
; %C ; %	Mn ; %P-	; %S ; %Si	: %Cr ;	ZNi ; ZMo	%Рь ;	%Си ;	%Sn	7.V	; %T	i !	%B ;	%A1	; %Ca	
CUST. MIN : 0.170; 1 SPEC. MAX : 0.220; 1														
ACTUAL : 0.195; 1	.140: 0.02	1; 0.027; 0.2	200; 1.050; 0	.017: 0.002	; ;	0.007;	0.005:	0.004	1:0.00	30:0	.0002	0.02	8:0.001	
2. MECHANICAL PROPERTIE	S	SPECIF	IED	ACTUAL										
YS UTS ELONGATIONS(5.65Sq.rt.A REDUCTION AREA % IMPACT VALUE HARDNESS(BHN/HRB/HRC) 3. METALLURGICAL PROPER	TIES	: : : 2200HA	MAX.	- 170/190 B	liv									
MICRO STRUCTURE GRAIN SIZE(ASTM E112/IS TOTAL DECARB (MM) SAEJ4 INCL RATINGS(ASTM E-45/	:4748) 19	: 6/8	DIA	PEARLITE+F 6.5/7.5 0.26MM PAR	RTIAL		,							
			THIN : THIE	K! THIN ; TH	ICK: THI	N ; THI	CK! THI	IN : 1	- qu					
	SPECIFIC	REGUIRMENT				5 ; C-2.0/1.0 ; D-2.0				1				
		ACTUAL	1.5 ; 0.0	; 0.5 ; (0.0 ; 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	11 11	: : 4/16"=	MAX. 34/38 HRC	BETTER TH	AN C2R2S2	•								
DIST-INCH/MM;	-1	4/16";	1 1		1	1	!		į	1	;		1	
VALUES(HRC); ;		; 38.00;	4 7 1	4	# t	7	i		1	b	;		I t	
5. GAS LEVEL(PPM) SPECI GAS LEVEL(PPM) ACHIE										ulo sell vin tiln t				
6. REMARKS			PARK/SPECTRAL	L/MOBILE SPE	ECTRO TES	T :OK								

:NA

UPSET TEST

100% UT & MPI TEST DK.