

## AARTI STEELS LIMITED

Registered Office: G.T.Road, Miller Ganj, Ludhiana.
Works: Focal Point, LUDHIANA - 141010.(INDIA)
Phone no.: - 0161-3006200 Fax: - 0161-3006250
MANUFACTURER'S OF: - CARBON ALLOYS & SPECIAL STEELS



-: TEST CERTIFICATE :-

-: Original :-

M/S FORGE INDIA (PVT.) LIMITED. PLOT.NO.60,SEC-5, PARWANOO. (H.P)  T.C.NO. 9474 Invoice No. 2 Truck No. HR38											e -: 17,	/03/20	18 19:31:1	
GRADE	SIZE	HEAT	r no.	MANUFA	ACTURIN(	G ROU	TE (	COLOUR	CODE   S	UPPLY	CONDN	. QTY		
SAE 8620	56 DIA	1945	5	E.A.F.+L.F	'.+V.D.+CCM+	EMS	BRO	WN+WHITE	1	AS ROLLE	D	10.5	70   101	
			-: C	CHEMICA	AL COMP	OSITI	ON IN	PERCE	NTAGE :-					
	c	Mn   S	5   E	e   Si	Ni	Cr	Мо	v	Al   Cu	Sn	Ti	в	Ca	
Min	0.1800	0.7000		0.150	0 0.4000	0.4000	0.1500							
Max	0.2300	0.9000 0.	0400 0.03	50 0.300	0 0.7000	0.6000	0.2500							
Actual	0.2280	0.8500 0.	0270 0.01	90 0.193	0 0.4470	0.5600	0.1760	0.0042	0.0230 0.017	0 0.004	8 0.0035	0.0004	0.0004	
				-	META	LLURG	ICAL E	RESULT	s :-	-				
INCL	JUSION	RATINO	G IS:	4163/3	JK CHAR	T/AST	M E-45	ōΑ	Aust.Gr	2005	1	Gas	Content	
	A		ВС				D		Size ASTM No. (E-112)		7	(ppm)		
	T	Н	Т	Н	Т	Н	Т	Н			0.11		1	
STD MAX	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	Decar (MM		0.11	02 - N2	78	
ACTUAL	1.5	0.5	0.5	0.0	0.0	0.0	1.0	0.0	Micro Struct		P+F+B	H2	.925	
			IES (AST (N / H		70/IS-1	608)	AS ROI	LLED	MACRO	UI	TRASON:	IC   M	IX UP TEST	
	U.T.S. Y.S. EL% RA% Impact Hardness Value B.H.N./Rb								BETTER THAN C2,R2,S2 MAX 100 % DONE OK LEVEL AS PER SPARK TEST 100% DONE OK					
Reqd.	1 240 M							MAX PLATE IST OF						
Actual	(4)	-	-				182-1		- ASTM-E-381					
			-	: HA	RDENABI	LITY	(HRC)	AS PE	R IS : 38	48 :-				
Distanc	e J1	1/16	J2/16	J3/16	J4/16	J5/	16 J	5/16	J7/16  J8	/16	J9/16	J10/1	6 J12/16	
Require	ed  -	1-	-	_	34-38	1-	-	I	-0 -0	100	p: 83	-	-	
Actual	-	[-	-	-	35.5	-	]-		-  -		<b>-</b> §	-	-	

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