

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 :-

	ORGE II COT.NO ARWANO	.60,SE	C-5,	LIMITE	D.		Invo	T.C.NO. 8629 Date -: 15/02/2018 18:43:2 Invoice No. 21390 Truck No. HP65-1165						
GRADE	SIZE HEAT NO. MANUFACTURING ROUTE COLOUR CODE SUPPLY CONDN. QTY. NO. O. O													
0 MNCR5	55 RCS	1622	1	C.A.F.+L.F.	.+V.D.+CCM+E	MS	YELL	OW+BROWN		AS ROLL	ED	9.	000 68	
			-: C	HEMICA	L COMPO	SITI	ON IN	PERCE	NTAGE	:-				
	c	Mn S	P	Si	Ni	Cr	Mo	v	Al	Cu Sn	Ti	В	Ca	
Min	0.1700 1	.1000		0.150	0	1.0000			4					
Max	0.2200 1	.4000 0.	0350 0.03	50 0.400	0	1.3000					-			
Actual	0.1800 1	.2400 0.	0260 0.01	30 0.225	0.0220	1.0000	0.0005	0.0032	0.0230	0.0150 0.00	0.0039	0.0004	0.0007	
				-:	META	LLURG	ICAL R	RESULT	s :-	- 0				
INCL	USION	RATING	G IS:	4163/0	K CHAR	r/AST	M E-45	Ā		.Grain		Ga	s Content (ppm)	
	A		ВСС			D		Size ASTM No. (E-112)		7		(Ppm)		
	T	Н	T	н	T	Н	Т	Н		Decarb.	0.11	02	16	
STD MAX	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0		(MM)	0.11	_ N2		
ACTUAL	1.5	0.5	0.5	0.0	0.0	0.0	1.0	0.0	10	cro- ucture	P+F	Н2	.942	
MECHANI TEST			IES (AST (N / H		70/IS-1	608)	AS ROI	LLED	MACRO		JLTRASOI TEST	NIC	MIX UP TEST	
	U.T.S. Y.S. EL% RA% Impact Hardness BETTER THAN Value B.H.N./Rb C2,R2,S2 MAX LEVEL AS PER								AX 10	100 % DONE OK SPARK TEST 100% DONE OK				
Reqd.	240 MAX PL					PLATE Ist	PLATE 1st OF ASTM-E-381							
Actual	•			-	-		156-1	165						
					RDENABI									
Distanc	ce J:	L/16	J2/16	J3/16	J4/16	J5/	/16 J	6/16	J7/16	Ј8/16	J9/16	J10,	/16 J12/16	
Distant	ed -			-	-	-	-		-	-	-	1-	-	
Require	ea -													

