

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 :-



M/S.- THE HI-TECH GEARS LTD

T.C.NO. 6829 Date -: 13/12/2017 16:59:56
Invoice No. 9117

PLOT NO.24,25,26.SECT-7 IMT, MANESAR.GURGOAN.							Invoice No. 9117 Truck No. HP12B-7774						
GRADE	SIZE	HEAT	NO.	MANUFA	CTURING	ROU"	TE C	OLOUR	CODE	SUPPL	Y CONDN.	QTY.	NO. OF PCS.
AE 8620-H	50 DIA	5780) E	.A.F.+L.F.	+V.D.+CCM+	EMS	BROW	N + WHITE	3	AS ROLL	ED	15.490	163
			-: C	HEMICA	L COMP	OSITI	ON IN	PERCE	NTAGE	: -			
	c	Mn S	S P	Si	Ni	Cr	Mo	v	Al	Cu Sn	Ti E	3 0	a
Min	0.1700	0.6000 0.	0200		0.3500	0.3500	0.1500			,	1 1		
Max	0.2300	0.9500 0.	0400 0.020	0.3000	0.7500	0.7000	0.2500	0.0200	0.0450	0.3500	- 0.0100	[
Actual	0.2150	0.7800 0.	0300 0.010	0.1900	0.5300	0.5560	0.2100	0.0026	0.0240	0.0850 0.01	110 0.0027 0	.0004 0.	.0007
				-:			ICAL R			die			
INCL	INCLUSION RATING IS: 4163/JK CHART/AST						M E-45A Aust.Gr Size ASTM N (E-112		Size IM No.	Gas Content (ppm)			
	T	Н	T	Н	Т	Н	T	Н	-	ecarb.	0.10	02	18
STD	3.0	2.0	2.5	1.5	1.0	1.0	1.5	1.0		(MM)			78
MAX ACTUAL	1.5	0.5	0.5	0.0	0.0	0.0	1.0	0.0		icro- ructure	P+F+B	Н2	.923
ME	ECHANI	CAL PROTEST	OPERTIE CONDITI	ES (ASTM	A-370	/IS-1 T)	.608)		MACR	o l	JLTRASONI TEST	C M	IX UP TEST
	U.T.S. Y.S. EL% RA% Impact Value					LEVEL AS PER				00 % DONE OK	\$ DONE OK SPARK TEST 100% DONE OK		
Reqd.								PLATE Ist OF ASTM-E-381					
Actual	-	-	-	-	-		174-1			J		l.	
										: 3848			
Distan	ce J	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 -	ļ	-	-	33-44	-	-		-	-	-		- /-
Actual	4	5.5	44	40.5	36	31	.5 2	8	26	24.5	-	-	-8

Remarks :- REDUCTION RATIO=13.0,100% MOBILE SPECTRO DONE OK (X-RAYS) MATERIAL CONFORMS TO MS: 3006-1, ISSUE DATE: 4/27/08, REV # : D

SURFACE SATISFACTORY, DI VALUE=2.04"(1.80-2.30), %NB: 0.0052

