TEST CERTIFICATE - TECHNICAL SERVICES DEPARTMENT

14008760/01

MANISH ENGINEERING

MUKAND SUMI METAL PROCESSING LTD.

HEAT NO: M120765 CIN:L99999MH1937PLC002726

INVOICE NO: 01/03502/01 INVOICE DT: 22/03/18 T.C.DATE : 22/03/18

SPECNO

TCNO: TC18032214008760/01

THE MATERIAL SUPPLIED CONFORMS TO THE SPECIFICATION MENTIONED PAGENO: 1/1

GRADE SCM 420HV

BUNDLES 2

COLOUR: NIL

WT (MT) : 2.946 SUPPLY COND: HR+PEELED+CG SIZE 26.50 MM DIA.

ROUTE: BLOOM ROUTE

	ROUIE:	BLOOM RO							
~	C % Mn % Si % P % S % Cr % Cu % Mo % Ti % Al % N2ppm O2ppm H2ppm	.5500 .1500 .8500	.3500 .0200 .0200	.20 .01 .01 1.15 .01 .20 .00	90 30 40 70 50 90 90 20 19 70		MIN	MAX	ACTUAL
				MAX ACTUAL TEST COND: HR+PEELED+CG 220.00 190.00 - 198.00					
	METALLURGICAL GRN SIZE (ASTM E112) MACRO (ASTM E381)			MIN 5 C1R		MAX ACT 8 6 R1S1 C1R		TL - 7 R1S1	
	STD MAX	45A) T	A H 0.0 0.0	1.00	H 0.0 0.0	1.00	C H 0.0 0.0	T H 1.00 0.0 1.00 0.0	
	JOMINY MIN MAX ACT			11 27.0 32.0 29.2					

HR = HOT ROLLED, ANNLD = ANNEALED, CD = COLD DRAWN, CG = CENTRELESS GROUND 100% MATERIAL TESTED BY MAGNAFLUX TESTING & FOUND OKAY.

GENERATED BY COMPUTER KGN TSD Helpline No:022-21727148

In case of any dissatisfaction Contact, Director (MSMPL) Mr A.M.Kulkarni, Mobile: 9967006322 Mail: amkulkarni@mukand.com

DATIKE Children T. sankal Service Steel Division.