Customer	Delivery Address
FLOW TECHNOLOGY LTD HALF HOUSE LANE HOVE EDGE BRIGHOUSE WEST YORKS. HD6 2PH	FLOW TECHNOLOGY LTD HALF HOUSE LANE HOVE EDGE BRIGHOUSE WEST YORKS. HD6 2PH

HI-TECH
Special Steels Limited
Rotherham Road, Laughton Common,
Dinnington, Sheffield S25 3RF
Tel: Dinnington (01909) 564545
Fax No (01909) 550682

TEST CERTIFICATE

Report No.	034687	Our Ref.	098465
Test No.	253260	Customer O/No.	010805/DB
Despatch Note No.	050212	Date	08/04/15
		Specification	BS EN 10088-3 1.4404

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	2	60 Total		560233	P212176	2" X 1" LINISHED BAR CONFORMING TO NACE MR0175 6 METRES

A. HEAT TREATMENT SUPPLY CONDITION
B. TEST PIECE TREATMENT CONDITION

MELTING PRACTICE AOD

TEST COUPON SIZE

Tensile Tests								Units MPa		Impact Tests														Hard-ness
Temp		0.20% Proof		Maximum Stress		%Elong 50MM		% Reduction of Area		Temp		ENERGY					SHEAR %				LATERAL EXPANSION					9
°C	*	Result	Spec-Min	Result	Spec-Min	Result	Spec-Min	Result	Spec-Min	°C	*	1	2	3	MIN	AV	1	2	3	MIN	AV	1	2	3	MIN	AV	
20	L	526	200	656	500	39	30	71	50																	HRC

Component Hardness

Heat No.	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Ti	Co	N
560233	0.019	0.532	1.670	0.025	0.028	17.040	10.080	2.040	0.499	0.002	0.146	0.051

* Test Direction: L = Longitudinal; T = Transverse

TEST CERTIFICATE in accordance with BS EN 10204 3.1 / ISO 10474 3.1

Certified that the whole of the supplied detailed hereon, unless otherwise stated, are covered by the Sources Certificate of Conformity/Test Certificate referenced hereon, and has been supplied to the Quality System requirements in accordance with the conditions of our BSI/ BS EN ISO 9001 2008 registration for lot traceable products.

Signature

Position Quality Controller

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

F10659
1/4" NPT F/F/F/F Cross 10K