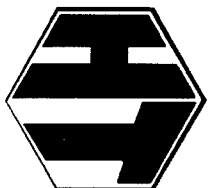


Customer
 FLOW TECHNOLOGY LTD
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKS. HD6 2PH

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

FLOW TECHNOLOGY LTD
 TEST CERTIFICATE
 VERIFIED TRUE
 COPY OF ORIGINAL



HI-TECH
 Special Steels Limited
 Rotherham Road, Loughborough Common,
 Dringington, Sheffield S25 3HF
 Tel: Dringington (01909) 564545
 Fax No: (01909) 550682

Report No. **041416** Our Ref. **103021** Date **13/11/17**
 Test No. **326901** Customer PO No. **014498/JS** Specification BS EN 10088-3 1.4404
 Dispatch Note No. **055906**

Page 1 of 1
TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	3	73.0		561638	P220087	1.1/2" X 1" FINISHED BAR CONFORMING TO NACE MR0175
		Total				

A. HEAT TREATMENT SUPPLY CONDITION
B. TEST PIECE TREATMENT CONDITION
 MELTING PRACTICE ADD TEST COUPON SIZE

Tensile Tests				Impact Tests				Hardness								
Temp °C	0.20% Proof	Maximum Stress	%Elong 50MM	% Reduction of Area	Temp °C	ENERGY			SHEAR %	LATERAL EXPANSION						
20	Result: 541 Spec:Min 200	Result: 721 Spec:Min 500	Result: 36 Spec:Min 30	Result: 64 Spec:Min 50	*	1	2	3	MIN	AV	1	2	3	MIN	AV	21.7 HRC

Component Hardness

Heat No.	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Ti	Co	N
561638	0.019	0.540	1.460	0.028	0.035	16.920	10.090	2.040	0.460	0.002	0.272	0.058

* 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 BS EN ISO 9001 registration for lot traceable products.

Signature _____ Position
 Certification Dept

F12784
1/4" NPT F/F/F Equal Tee 10K