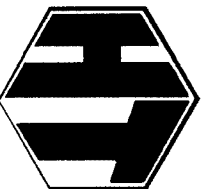


Customer
 FLOW TECHNOLOGY LTD
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKS. HD6 2PH

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



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

Report No. 039986 Our Ref. 102193 Date 08/06/17 Page 1 of 1
 Test No. 315285 Customer PO No. 013857/DB Specification BS EN 10088-3 1.4404
 Despatch Note No. 054746

TEST CERTIFICATE


Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	7	337.0		56141694	P216487	2" X 1.1/2" FINISHED BAR
		Total				CONFORMING TO NACE MR0175

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

Tensile Tests				Units				Impact Tests				Hard- ness		
Temp	0.20% Proof	Maximum Stress	%Elong	% Reduction of Area	Temp	ENERGY			SHEAR %				LATERAL EXPANSION	
°C	Result Spec-Min	Result Spec-Min	50MM Result Spec-Min	Result Spec-Min	°C	1	2	3 MIN	AV	1	2	3 MIN	AV	
20	L	498	200	666	500	42	30	68	45					
														11.3

Component Hardness

Heat No.	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Ti	Co	N
56141694	0.020	0.55	1.56	0.026	0.036	16.72	10.11	2.03	0.44	0.003	0.243	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

F12795
 1/2" NPT F/F FXD 90° ELBOW 10K 316L