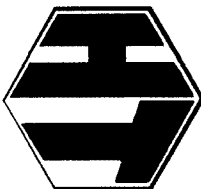


Customer
 FLOW TECHNOLOGY LTD
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKS. HD6 2PH

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



HT-TECH
 Special Steels Limited
 Rotherham Road, Laughton Common,
 Dinnington, Sheffield S25 3RF
 Tel: Dinnington (01909) 554545
 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	TEST CERTIFICATE
Despatch Note No. 054746			

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

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

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

Component Hardness

Heat No. 56141694	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Ti	Co	N
	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

F12337

1/2" NPT F/F/F Equal Tee 10K