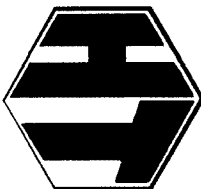


**Customer**  
 FLOW TECHNOLOGY LTD  
 HALF HOUSE LANE  
 HOVE EDGE  
 BRIGHOUSE  
 WEST YORKS. HD6 2PH

**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  
 Test No. 315285 Customer PO No. 013857/DB  
 Despatch Note No. 054746 Date 08/06/17  
 Specification BS EN 10088-3 1.4404

Page 1 of 1  
**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 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				
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	1	2	3 MIN AV	HRC	
20	L	498	200	666	500	42	30	68	45							

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

F13609  
 1/2 NPT F/F/F FXD TEE 10K 316L

Component Hardness