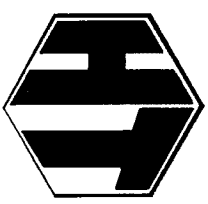


**Customer**  
 FLOW TECHNOLOGY LTD  
 HALF HOUSE LANE  
 HOVE EDGE  
 BRIGHOUSE  
 WEST YORKS. HD6 2PH

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



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

Report No. **041411** Our Ref. **103062** Date **13/11/17**  
 Test No. **348524** Customer PO No. **014529/JS** Specification **BS EN 10088-3 1.4404**  
 Despatch Note No. **055901**

Page 1 of 1  
**TEST CERTIFICATE**

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.
001	4	291.0		56170108	P219517
		Total			

Description  
 2.1/2" X 2" FINISHED BAR  
 CONFORMING TO NACE MR0175  
 12 METRES

**A. HEAT TREATMENT SUPPLY CONDITION**  
**B. TEST PIECE TREATMENT CONDITION**  
 MELTING PRACTICE EAF+AOB TEST COUPON SIZE

Tensile Tests				Units				Impact Tests				Hard-ness	
Temp °C	0.20% Proof Result	Maximum Stress Result	Spec-Min	%Elong 50MM Result	% Reduction of Area Result	Temp °C	ENERGY	SHEAR %	LATERAL EXPANSION	MIN	AV	MIN	AV
20	L	466	200	620	500	46	30	74	50	1	2	3	MIN AV

Component Hardness

Heat No.	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Ti	Co	N	Al
56170108	0.019	0.520	1.49	0.028	0.031	16.630	10.070	2.010	0.53	0.003	0.346	0.051	0.006

\* 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

**F12812**  
**3/4" NPT F/F/F Equal Tee 10K**

FLOW TECHNOLOGY LTD  
 TEST CERTIFICATE  
 VERIFIED TRUE  
 COPY OF ORIGINAL