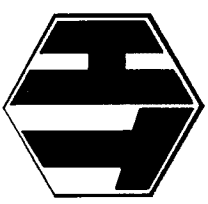


Customer
 FLOW TECHNOLOGY LTD
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKS. HD6 2PH

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,
 Dinnington, Sheffield S25 3PH
 Tel: Dinnington (01909) 561545
 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	50MM %Elong Result	Spec-Min	% Reduction of Area Result	Spec-Min	Temp °C	ENERGY	SHEAR %		LATERAL EXPANSION		
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

F12992
3/4" NPT F/F/F Equal Tee 10K