

Customer
 Flow Technology Ltd
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 West Yorkshire
 HD6 2PH

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OFFSHORE
STAINLESS SUPPLIES LTD.
 Supplier of 1.4003 and producers of specialist grades and high nickel products

Report No. 027871
 Test No. OSS002231
 Dispatch Note No. 055123
 Our Ref. 099744
 Customer PO No. 012649/DB
 Date 10/08/16
 Specification 316

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TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
003		48		56160017	F58500	15 metres 2 1/2" x 2" Flat bar
		Total				

A. HEAT TREATMENT SUPPLY CONDITION
 B. TEST PIECE TREATMENT CONDITION
 Solution annealed prior to cold drawing

MELTING PRACTICE

TEST COUPON SIZE

Rotech test report 151283 refers

Tensile Tests				Units	Impact Tests				Hardness		
Temp °C	* Result	Spec-Min	Maximum Stress Result	Spec-Min	%Elong 4D Result	% Reduction of Area Result	Temp °C	ENERGY	SHEAR %	LATERAL EXPANSION	193
20	534	200	649	500	41.4	30	71	40	1 2 3 MIN AV	1 2 3 MIN AV	HBW

Component Hardness

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N	Ti	Nb
56160017	0.019	0.480	1.550	0.025	0.028	16.800	2.030	10.120	0.380	0.327	0.046	0.003	0.045

Material free from mercury contamination during manufacturing process.
 Material free from radioactivity and inspected during manufacturing.
 In accordance with EN 10204 3.1

Signature  Position Commercial Manager

F11539
 3/4" NPT F/F/F Equal Tee 10K

FLOW TECHNOLOGY LTD
 TEST CERTIFICATE
 VERIFIED TRUE
 COPY OF ORIGINAL