

Customer
 Flow Technology Ltd
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 West Yorkshire
 HD6 2PH

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Report No. 027869
Test No. oss002431
Despatch Note No. 055121
Our Ref. 099744
Customer O/No. 012649/DB
Date 10/08/16
Specification 316 to NACE MR-01-75

TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.
002		371		56160271	F58499
		Total			

Description
 24 Metres 2" x 1.1/2" flat bar

A. HEAT TREATMENT SUPPLY CONDITION
B. TEST PIECE TREATMENT CONDITION
 Solution annealed prior to cold drawing
MELTING PRACTICE
 Rotech report 154378 refers

TEST COUPON SIZE

Tensile Tests				Units	Impact Tests				Hardness		
Temp °C	0.20% Proof Result	Maximum Stress Result	%Elong 4D Result	N/mm2	ENERGY			SHEAR %	LATERAL EXPANSION	Hardness HBW	
	Spec-Min	Spec-Min	Spec-Min		1	2	3 MIN AV	1	2	3 MIN AV	
20	576	200	36.3		72	40		1	2	3 MIN AV	212

Component Hardness

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Co	N	Ti	Nb
56160271	0.015	0.510	1.500	0.028	0.028	16.660	2.030	10.100	0.006	0.400	.0247	0.054	0.003	0.038

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

Signature

Position Sales

F11836
1/2" NPT F/F/F Equal Tees 10K 316L