

Customer
 Flow Technology Ltd
 Half House Lane
 Hove Edge
 Brighton
 West Yorkshire
 HD6 2PH

Delivery Address
 Flow Technology Ltd
 Half House Lane
 Hove Edge
 Brighton
 West Yorkshire
 HD6 2PH

Toll Point
 Litchfield Road
 Broomfield
 WS8 6JZ
 t. 01922 414003 f. 01922 414606
 e. sales@offshorestainless.co.uk



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

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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	Maximum Stress	%Elong	N/mm ²	ENERGY			SHEAR %	LATERAL EXPANSION	Hardness	
	Result	Result	Result		1	2	3 MIN AV	1	2	3 MIN AV	HBW
20	576	200	692		1	2	3 MIN AV	1	2	3 MIN AV	212
	Spec-Min	Spec-Min	Spec-Min								
	200	692	500								
			36.3								
			30								
			72								
			40								

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	0.247	0.054	0.003	0.038

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** Sales

F11937
1/2" NPT F/F 90° Elbow 10K