

**Customer**  
 Flow Technology Ltd  
 Half House Lane  
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 West Yorkshire  
 HD6 2PH

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**OFFSHORE**  
**STAINLESS SUPPLIES LTD.**  
 Supplier of 1,4003 and producers of specialist stainless and high nickel products

Report No. 025130  
 Test No. OSS002034  
 Despatch Note No. 053605  
 Our Ref. 098297  
 Customer PO No. 012226/DB  
 Date 19/04/16  
 Specification AISI - 316/316L Cold Drawn & Linished

**TEST CERTIFICATE**

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	115	Total		56150881	F57605	2.1/2" x 1.1/2" Flat bar to h11 tols 2 bars 2 1/2" x 1 1/2" Flat @ 3m randoms Linished

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

MELTING PRACTICE

TEST COUPON SIZE

Rotech test report 147205 refers

Tensile Tests				Units				Impact Tests				Hardness	
Temp °C	0.20% Proof Result	Maximum Stress Result	%Elong 4D Result	% Reduction of Area Result	Temp °C	ENERGY			SHEAR %			LATERAL EXPANSION	
	Spec-Min	Spec-Min	Spec-Min	Spec-Min	*	1	2	3 MIN	AV	1	2	3 MIN	AV
20	498	667	43	66									
	225	490	30	40									
													211
													HBW

Component Hardness

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N	Ti
56150881	0.018	0.550	1.510	0.039	0.025	16.820	2.080	10.050	0.580	0.347	0.051	0.003

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 Commercial Manager

F11127 - 1/2" NPT F/F/F/F FXD CROSS 10K 316L

FLOW TECHNOLOGY LTD  
 TEST CERTIFICATE  
 VERIFIED TRUE  
 COPY OF ORIGINAL