

Customer
 Flow Technology Ltd
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OFFSHORE
STAINLESS SUPPLIES LTD.
 Supplier of 1.4003 and producers of specialist stainless and high nickel products

Report No. 016069
 Test No. OSS001219
 Despatch Note No. 048672
 Our Ref. 093486
 Customer PO No. 010845/DB
 Date 17/04/15
 Specification Cold drawn AISI 316L NACE MR0175

TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	0	57 Total		56141450	F55000	2.1 1/2" x 1.1 1/2" x 2950/3000mmr/1 flat bar & finished

Matl ex-stock un-finished
 If ordered today we could delv either
 16-17/4/15

A. HEAT TREATMENT SUPPLY CONDITION
 B. TEST PIECE TREATMENT CONDITION
 Solution annealed prior to cold drawing
 MELTING PRACTICE
 TEST COUPON SIZE
 Caparo Test report ST0005239 refers

Tensile Tests				Units N/mm ²				Impact Tests				Hard- ness				
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	436	620	52	74												177

Component Hardness
 HBW

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N	Ti
56141450	0.020	0.520	1.530	0.034	0.028	16.630	2.030	10.110	0.470	0.285	0.050	0.004

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

F10011 - 1/2" NPT F/F/F/F FXD CROSS 10K 316L

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL