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

Toll Point
Lichfield Road
Brownhills
WS8 6JZ
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OFFSHORE STAINLESS SUPPLIES LTD.
Supplier of 1.4003 and producers of specialist stainless and high nickel products

Report No. 012684
Test No. OSS000792
Despatch Note No. 046868

Our Ref. 091746
Customer PO No. 10074

Date 26/11/14
Specification Cold drawn AISI 316L NACE MR0175

TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	0	36 Total		56140292	F53990	2" x 1" flat bar & linished

A. HEAT TREATMENT SUPPLY CONDITION Solution Annealed prior to Cold Drawing
B. TEST PIECE TREATMENT CONDITION

MELTING PRACTICE

Caparo Test Report J14007859 refers

TEST COUPON SIZE

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

Tensile Tests — Units N/mm2

Temp °C	*	0.20% Proof Result	0.20% Proof Spec-Min	Maximum Stress Result	Maximum Stress Spec-Min	%Elong 4D Result	%Elong 4D Spec-Min	% Reduction of Area Result	% Reduction of Area Spec-Min
20	L	560		695		40		64	

Impact Tests

Temp °C	*	ENERGY 1	ENERGY 2	ENERGY 3	ENERGY MIN	ENERGY AV	SHEAR % 1	SHEAR % 2	SHEAR % 3	SHEAR % MIN	SHEAR % AV	LATERAL EXPANSION 1	LATERAL EXPANSION 2	LATERAL EXPANSION 3	LATERAL EXPANSION MIN	LATERAL EXPANSION AV

Hardness: 229 HBW

Component Hardness

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N	Ti
56140292	0.021	0.530	1.580	0.036	0.029	16.700	2.010	10.070	0.460	0.346	0.050	0.004

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

F9417 - 1/4" NPT F/F/F/F FXD CROSS 10K 316L