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
t. 01922 414003 f. 01922 414606
e. sales@offshorestainless.co.uk

OFFSHORE STAINLESS SUPPLIES LTD.
Supplier of 1.4003 and producers of specialist stainless and high nickel products

F13355
1/2" NPT F/F/F Equal Tee 15K

Report No.	043145	Our Ref.	107243	Date	02/05/18
Test No.	OSS003700	Customer PO No.	015155/JS	Specification	AISI 316/316L Cold Drawn To Nace MR0175 & Linished
Despatch Note No.	063171				

TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.
001	0	285 Total		56171374	F62840

Description

2 1/2" x 2" Flat bar

12 metres 2 1/2" x 2" Flat @ 3m randoms

***Linished**

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

A. HEAT TREATMENT SUPPLY CONDITION — Solution annealed prior to cold drawing

B. TEST PIECE TREATMENT CONDITION

MELTING PRACTICE — TEST COUPON SIZE

Liberty test house report ST0000292 refers

Tensile Tests — Units N/mm2

Temp oC	*	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		488	225	640	490	47.5	30	67	40

Impact Tests

Temp oC	*	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 on TestPiece

Location	Designation	Requirements	Results
	HBW		205

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Co	N	Ti
56171374	0.023	0.480	1.640	0.032	0.026	16.67	2.080	10.10	0.008	0.310	0.183	0.052	0.002

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