

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

Delivery Address
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OFFSHORE
STAINLESS SUPPLY LTD.
 Supplier of 1.4003 and producers of specialist stainless and high nickel products

Report No. 020671
 Test No. 46531
 Despatch Note No. 051158
 Our Ref. 095921
 Customer PO No. 11521/DB
 Date 14/10/15
 Specification Cold drawn AISI 316L NACE MR0175

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TEST CERTIFICATE

Item	Quantity	Weight Kg	Part No.	Heat No.	Batch No.	Description
001	0	23		420115	F56285	1.1/2" x 3/4" Flat bar & finished
		Total				

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

MELTING PRACTICE
 TEST COUPON SIZE

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	Hardness HBW
22	800	905	25	71	*	1 2 3 MIN AV	1 2 3 MIN AV	1 2 3 MIN AV	277
	225	490	30	40					Component Hardness 277/277 HBW

Heat No.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N
420115	0.021	0.51	1.35	0.026	0.027	16.96	2.03	10.06	0.46	0.066

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

F10533 - 1/4" MEDIUM PRESSURE FEMALE 90° ELBOW 20K 316L

FLOW TECHNOLOGY LTD
 TEST CERTIFICATE
 VERIFIED TRUE
 COPY OF ORIGINAL