

Inspection Certificate Meeting the Requirements of:

BS EN 10204.3.1

ZAPP

ZAPP (GB) LTD
 Unit 1
 Thorncliffe Distribution Centre
 Brookdale Road
 Chapeltown, Sheffield
 S35 2 PW

Customer / Contract Details.

Customer: Flow Technology Ltd

Customer P/O #: 011774/DB
 Packing List: 7510025150

Detail of Product Supplied.

Product Specification: ASTM A479 316/316L
 BSEN10088 1.4401/1.4404

Product Description: 76.20mm x 38.10mm

Line Item	Quantity	Unit	Product Dimensions	Heat #	Batch #
2	193	Kgs	76.20 x 38.10	421112	G008195A20

Chemical Analysis.

C%	Si%	Mn%	P%	S%	Cr%	Mo%	Ni%
0.019	0.63	1.57	0.028	0.017	16.7	2.01	10.52
Cu	N%	Co	Ti				
0.46	0.031	0.076	0.012				

Mechanical Properties.

Proof Stress 0.20%	Proof Stress 1%	UTS (Tensile)	Unit	Elongation %	Reduction of Area %	Impact Tests				Impact Test Temp	Hardness 10/3000	
545	585	660	Mpa	50mm 63mm	41 40	70						HBW 224

Additional.

Visual & Dimensional Checks:
 Satisfactory

ZAPP (GB) LTD, Sheffield. We certify that the contents of this report are correct, accurate & all test results / operations meet the requirement of the specification. Certified that the supplies / services detailed meet.

Special Requirements:
 NACE MR0175

Authorised by: *Tracy Barnes*
 Date: 06.01.16
 Tracy Barnes
 ZAPP (GB) LTD

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

F10957
3/4" Medium Pressure Female 90° Elbow 20K