

# ZAPP

Certificate of Conformity:

Test Cert/Order # 7502013682

Inspection Certificate Meeting the Requirements of:

BS EN 10204.3.1

ZAPP (GB) LTD  
 Unit 1, Brookdale Road  
 Chapelton, Sheffield  
 S35 2PW  
 Tel 0114 2467823  
 Fax 0114 2409647/48

Customer / Contract Details.

Customer: **Flowtech**

Customer P/O # 009837/JW

Packing List 7510019527

Detail of Product Supplied.

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

Product Description :  
 63.50mm x 38.10mm

Line Item	Quantity	Unit	Product Dimensions	Heat #	Batch #
3	115	Kgs	63.50 x 38.10	261026	G008660a40

Chemical Analysis.

C%	Si%	Mn%	P%	S%	Cr%	Mo%	Ni%
0.023	0.43	1.29	0.03	0.027	16.75	2.04	10.05
	N%						
	0.07						

Mechanical Properties.

Proof Stress 0.20%	Proof Stress 1%	UTS (Tensile)	Unit	Elongation 4D	Elongation 5D	Reduction of Area %	Impact Tests				Impact Test Temp	Hardness 10/3000
473	510	637	Mpa	40	43	73						HBW 211

Additional.

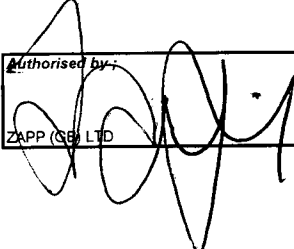
Visual & Dimensional Checks ;

Satisfactory

Special Requirements ;

NACE MR0175

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.

Authorised by:  Date ; 06.08.14  
 Tracy Barnes  
 ZAPP (GB) LTD

F9427  
 3/8" NPT F/F/F FXD TEE 15K 316L

FLOW TECHNOLOGY LTD  
 TEST CERTIFICATE  
 VERIFIED TRUE  
 COPY OF ORIGINAL