

Certificate of Conformity

Test Cert/Order # 7502013682

Inspection Certificate Meeting the Requirements of;
BS EN 10204J.1

ZAPP (GB) LTD

ZAPP

Customer / Contract Details

Customer: Flowtech

Customer PO #: 009837JW
Packing List#: 7510019527

Detail of Product Supplied

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

Product Description: 50.80mm x 38.10mm

Line Item	Quantity	Unit	Product Dimensions	Heat #	Batch #
2	95	kgs	50.80 x 38.10	56140731	G010328a00

Chemical Analysis

C%	Si%	Mn%	P%	S%	Cr%	Mo%	Ni%
0.022	0.54	1.55	0.03	0.024	16.83	2.06	10.1
Co	Cu	N%	Ti				
0.183	0.37	0.046	0.004				

Mechanical Properties

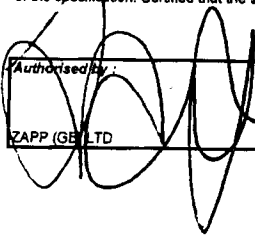
Proof Stress 0.20%	Proof Stress 1%	UTS - MIN (Tensile)	Unit	Elongation %	Reduction of Area %	Impact Tests	Impact Test Temp	Hardness 10/3000
78500	86000	99000	PSI	50mm 62.5mm	42 44	72		HBW 215

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

F9738
1/2" NPT F/F/F FXD TEE 10K 316L

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL