



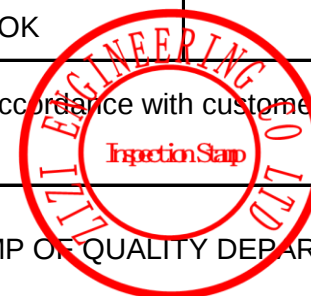
ZIZI ENGINEERING CO LTD

Inspection Certificate to BS EN10204-3.1

MILL TEST CERTIFICATE

Website:www.zzfittings.com
Website:www.zzsteels.com
Email:info@zzsteels.com

Purchaser: *****							Purchase Order Number: ZWJ235							Certificate Number: ZZ181022			
ITEM	PRODUCT		SPECIFITCAION				MATERIAL	UNIT	QTY	DELIVERY STATE			STANDARD				
ZZ181003	Swage Nipple		3 x 2 inch Class 3000, NPTM x NPTF L=2				ASTM A106 B	PCS	264	Normalizing (900°C)			ASME B16.11				
CHEMICAL COMPOSITION (%)													MECHANICAL PROPERTIES				
Heat No.	C	Si	Mn	S	P	Cr	Ni	Ti	Mo	V	W	Cu	T.S (Mpa)	Y.S (Mpa)	E.L	HARDNESS	
2148	0.21	0.25	0.63	0.025	0.01	0.31	0.22	/	0.13	0.02	/	0.2	496	275	33	237	
Flaring	Hydrotest		Flattening			Intergranular Corrosion				N.D.E		Size (Measure)		Surface (Visual)			
/	/		OK			/				OK		OK		OK			
Remark	We hereby certify that the material described has been manufactured,sampled,tested and examined in accordance with customer's requirements and EN10204 3.1																
CHIEF INSPECTOR: ZHENG XIAO JIAN																	
DATE : 22th Oct 2018																	



STAMP OF QUALITY DEPARTMENT