




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: ZWJ311						Certificate Number: ZZ181228				
ITEM	PRODUCT	SPECIFITCAION					MATERIAL	UNIT	QTY	DELIVERY STATE				STANDARD			
ZZ181201	Forged Fittings	1 1/2" Class 3000					ASTM A182 F5	PCS	375	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	
2251	0.12	0.28	0.47	0.010	0.016	5.2	0.39	/	0.52	/	/	/	521	308	33	211	
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													 STAMP OF QUALITY DEPARTMENT				
DATE : 28th Dec 2018																	