

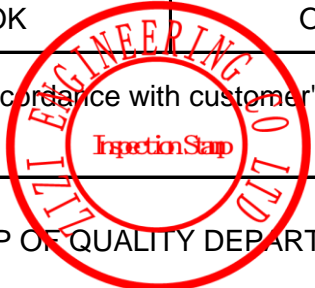


ZIZI ENGINEERING CO LTD

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: ZWJ274						Certificate Number: ZZ181221				
ITEM	PRODUCT	SPECIFITCAION					MATERIAL	UNIT	QTY	DELIVERY STATE				STANDARD			
ZZ1801130	Pipe Bend	12 Inch 90 Degree R=3D Seamless					A420 WPL3	PCS	500	Normalizing (900°C)				ASME B16.9			
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	
2903	0.1	0.15	0.52	0.020	0.01	/	3.5	/	/	/	/	/	608	305	32	/	
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 : 21 st Dec 2018																	