

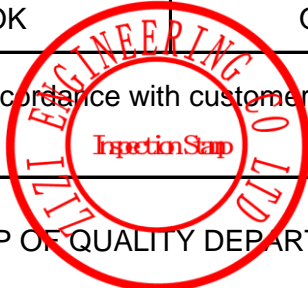


# ZIZI ENGINEERING CO LTD

## 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: ZWJ178						Certificate Number: ZZ181005			
ITEM	PRODUCT	SPECIFITCAION	MATERIAL	UNIT	QTY	DELIVERY STATE	STANDARD									
ZZ180923	90 Degree Elbow	4" Sch 40 LR	ASTM A234 WPB	PCS	125	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
1980	0.23	0.22	1	0.020	0.032	0.31	0.28	/	0.12	/	/	/	562	297	28	150
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 : 5th Oct 2018																STAMP OF QUALITY DEPARTMENT