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0328-37,147

# 浙江习立管业有限公司

ISO9001:2008

Xi Li Pipe Industry Co., Ltd.

EN 10204 3.1

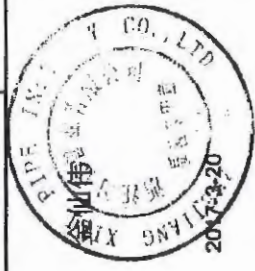
PED97/23/EC

## 产品质量证明书

证书编号 Cer.No: XL20170320001

### MILL TEST CERTIFICATES

用户 Purchaser	SUPERINOX MAX FITTINGS INDUSTRY SDN.BHD.			合同号 Contract No.	PP20170118			生产标准: Specification	ASTM/ASME A312-15			
产品 Products	不锈钢无缝钢管 Stainless steel seamless pipes			订单号码 PO No.	/			交货状态: Delivery Condition	pickled, Solution annealed at 1050°C min			
牌号	规格 O.DxW.T(mm)			长度 Length (Mtrs)	炉号 Heat No.	米数 Meters	支数 Pieces	重量 Weight (KG)	表面情况 Surface Condition			
Grade	114.3*3.05			5-7	ZJGF1605-657	/	60	3053	GOOD			
TP316L												
化学成份 Chemical Composition %												
Elements	C	Mn	P	S	Si	Cr	Ni	Mo				
Spec.	Min.					16.00	10.00	2.00				
	Max.	2.00	0.045	0.030	1.00	18.00	14.00	3.00				
Heat Analysis	0.020	0.99	0.036	0.003	0.42	16.49	10.04	2.03				
机械性能 Mechanical Properties												
抗拉强度 Rm	屈服点 RP0.2			伸长率		压扁试验		扩口试验				
Tensile Strength (Mpa)	Yield Strength (Mpa)			Elongation%		Flattening Test		Flare Test				
575	243			56		OK		OK				
晶粒度 ASTM E112												
ASTM E426												
ET												
OK												
UT												
N/A												
Hydrostatic Test												
N/A												
检验员 Inspector:												
日期 Date:												



APPROVED	
date	03-01-2019
RAB	signature

product complies with the requirements of NACE MR0103-2012, NACE MR0175-First Edition, and ISO15156-2009.  
weld repair performed for billet or pipe.  
material was heated to above 1050°C hold more than 2 minutes per millimeter and quenched in cold water.  
material has been PMI tested 100%.  
ing process by EAF+AOD refining  
reby certify that the product were manufactured and tested strictly acc to specifications and customers' order.

浙江省龙泉市金岗工业园区巨泰路1号 ADD:Jing-gang Industrial Park,1 Jutai Road,Longquan City,Zhejiang,China



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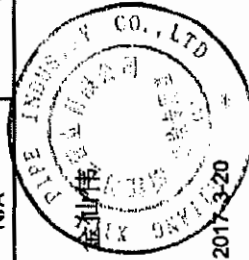
PED97/23/EC

## 产品质量证明书

证书编号Cer.No: XL20170320002

## MILL TEST CERTIFICATES

用户 Purchaser	SUPERINOX MAX FITTINGS INDUSTRY SDN.BHD.		合同号 Contract No.		PP20170118		生产标准: Specification		ASTM/ASME A5A312-15	
产品 Products	不锈钢无缝钢管 Stainless steel seamless pipes		订单号码 PO No.		/		交货状态: Delivery Condition		pickled, Solution annealed at 1050°C min	
牌号	规格	长度	炉号	米数			支数	重量		表面情况
Grade	O.DxW.T(mm)	Length (Mtrs)	Heat No.	Meters			Pieces	Weight (KG)		Surface Condition
TP316L	114.3*6.02	5-7	ZJGF1605-657	/			35	3422		GOOD
化学成分 Chemical Composition %										
Elements	C	Mn	P	S	Si	Cr	Ni	Mo	Hardness HRB	Intergranular Corrosion
Spec.	Min.					16.00	10.00	2.00	HRB90	PASSED
	Max.	2.00	0.045	0.030	1.00	18.00	14.00	3.00		
Heat Analysis	0.020	0.99	0.036	0.003	0.42	16.49	10.04	2.03		
机械性能 Mechanical Properties										
抗拉强度 Rm	屈服点 RP0.2	伸长率		压扁试验		扩口试验		晶粒度 ASTM E112	涡流探伤 ASTM E426	超声波探伤 ASTM E213
Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation %	Flattening Test	Flare Test			Grain Size	ET	UT	Hydrostatic Test
570	272	52	OK	OK			N/A	OK	N/A	N/A
Remarks:										
1. This product complies with the requirements of NACE MR0103-2012, NACE MR0175-First Edition, and ISO15156-2009. 2. No weld repair performed for billet or pipe. 3. Mercury free, free of radioactive contamination 4. The material was heated to above 1050°C, hold more than 2 minutes per millimeter and quenched in cold water. 5. This material has been PMI tested 100%. 6. Hardness to NACE MR0175 7. Melting process by EAF+AOD refining We hereby certify that the product were manufactured and tested strictly acc to specifications and customers' order. 地址: 浙江省龙泉市金岗工业园区巨泰路1号 ADD: Jing-gang Industrial Park, 1 Jutai Road, Longquan City, Zhejiang, China										

检验员  
Inspector:

日期Date:

date 03-01-2019

signature

APPROVED