

Order : SNL-01417427

Index : 181008BB700

Ref. :

Artikel: 3" S 10S N TEE A403 316(L) *

Levering: 0085461752/000110

Hoeveelh: 4 ST

Charge: FK1710-058

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PED CERT NO: DGR-0036-QS-W 580/2013/MUC
File No: YLZJ19-01

Suzhou Yuli Pipeline Industry Co., Ltd

Mill Test Certificates

337 Chang'an Road, Youyi Industr. Wujiang, Jiangsu

Certificate: EN10204/3.1

Certificate-NO: MC-TYF-SA18060102-23

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Customer: VAN LEEUWEN STAINLESS B.V.
 Order No.: 3484160
 Description: Stainless steel seamless butt weld fittings
 Specification: ANSI B16.9-2012
 Material: ASTM A403-2012/ASME SA403-2011
 Workmanship: WP-S 316/316L
 Heat Treatment: Cold forming
 Heat Treatment: Solution annealed at: 1040°C and duration:30 minutes
 Melting Process: minimum and water quenched
 Melting Process: Electric Arc Furnace

Marking:

- Manufacture's Mark
- Dimension & Schedule
- Material S(Seamless)orW(Welded)
- Heat Number & Standard
- Inspector Stamp

Extend of material delivery:

Item No.	Description	Dimension	Quantity	Heat No.	Base Cert.No.	Remarks
180601020109	RED TEE	11/2"*40S/11/4"*40S	5	1709-985	20180607-51	
180601020110	TEE	2"*10S	30	1709-985	20180613-84	
180601020111	TEE	2"*40S	10	1709-985	20180608-37	
180601020112	RED TEE	2"*10S/11/2"*10S	5	1709-985	20180613-84	
180601020113	TEE	3"*10S	100	FK1710-058	20180512-37	*

Inspection Results (The requirements are fulfilled as listed in Annex):

A. Chemical Analysis:

Heat No.	C%	Mn%	Si%	S%	P%	Cr%	Ni%	Mo%	Cu%	Ti%
180601020109	1709-985	0.019	0.80	0.39	0.001	0.030	16.21	10.07	2.06	/
180601020110	1709-985	0.019	0.80	0.39	0.001	0.030	16.21	10.07	2.06	/
180601020111	1709-985	0.019	0.80	0.39	0.001	0.030	16.21	10.07	2.06	/
180601020112	1709-985	0.019	0.80	0.39	0.001	0.030	16.21	10.07	2.06	/
180601020113	FK1710-058	0.009	0.70	0.33	0.003	0.035	16.38	10.08	2.06	/

B. Mechanical Properties & Tensile Inspection :

Heat No.	Yield Strength		Tensile Strength	Elongation 4D	Hardness	Impact test by 20°C			
	0.2%	1%				LO	HB≤190	1	2
180601020109	1709-985	265	/	580	53	136	/	/	/
180601020110	1709-985	245	/	550	57	135	/	/	/
180601020111	1709-985	285	/	565	59	135	/	/	/
180601020112	1709-985	245	/	550	57	135	/	/	/
180601020113	FK1710-058	280	/	565	56	134	/	/	/

C. Inspection and Related Data Verify:

Dimensional check	OK	Hydrostatic pressure test	/
Surface quality inspection	OK	Radiography Examination	/
Penetration examination	OK	IC to ASTM A262 "E"	OK
100%PMI	OK	NACE MR0175-2001/ISO15156-2009 NACE MR0103-2010	OK

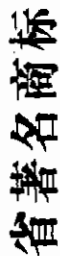
D. Remarks:

- 1.No weld repair.
2. We certify that the material was found to be free of mercury contamination. Every heat, dimension and batch has been tested for radioactivity and has been found within the limit of background radiation. The material described in the certificate has been tested as described and complies with the order/contract and it is of Chinese origin.
3. Manufacture confirms yield stress values according to ASME section II, part D table Y1

QA Engineer :

Date: 2018.02.20

SPIE Industry
Quality Control
Reviewed / examined



宝丰钢铁集团有限公司
BAOFENG STEEL GROUP CO.,LTD
产品质量保证书

CERTIFICATE OF PRODUCT QUALITY

特种设备许可证编号 Manufacture License of Special Equipment No.: TS2710H93-2020

产品名称: 不锈钢无缝管

合同号: Contract No.: AY18030525

用户 Customer: 苏州宇力管业有限公司

Product:Stainless Steel seamless Pipe

质量保证书编号Certificate No.: 20180512-37

日期Date:2018年05月12日

合同编号 Item No.	钢种 Grade	炉号 Heat No.	炉批号 Lot No.	规格 Size (Φ)mm	支数 Piece (pcs)	长度 Length (m)	重量 Weight (kg)	化学分析 %										交货状态 Delivery Condition	产品标准 Executive Standards
								CHEMICAL COMPOSITION %											
								C	Si	Mn	P	S	Cr	Ni	Mo	Ti			
AY18030525-47	TP316316L	1709-985	A1805-778	33.7*3.5	28	168	442	0.019	0.39	0.80	0.030	0.001	16.21	10.07	2.06	/	固溶/酸洗	ASTM A312/312M	
AY18030525-48	TP316316L	FK1710.038	A1805-629	88.9*3.5	32	192	1430	0.009	0.33	0.70	0.035	0.003	16.38	10.08	2.06	/	固溶/酸洗	ASTM A312/312M	
合格																			
力学性能 Mechanical property				尺寸公差 Surface quality				工艺性能 Process property										合格	
合同编号 Item No.	屈服强度 Yield Strength Rp0.2 (Mpa)	抗拉强度 Tensile Strength Rm (Mpa)	伸长率 Elongation A %	超声波 Ultrasonic Test	涡流 Eddy-current test	扩口 Flaring Test	压扁 Flattening Test	水压 Hydrostatic Test	硬度 Hardness HRB	晶间腐蚀 Intergranular corrosion test									
AY18030525-47	275/290	570/585	54/55		合格	/	合格	/	合格	合格									
AY18030525-48	280/290	565/580	56/57		合格	/	合格	/	合格	合格									
材料责任人审核专用章																			
签字: 日期: 2008.6.15																			
检验专用章																			
判定员 Judge:																			
无损检验 Non-destructive test																			
春线印进																			
BAOENG STEEL GROUP CO., LTD. 宝钢集团香港有限公司 质量检验部 of quality inspection Dept 物品部专用章																			

1. 兹证明所列产品经检验均符合合同和标准要求。
The material listed above has been tested and complies with the terms of the contract & the standard

2. 本证明书盖质保部检验专用章或经授权的销售部公章生效，复印无效。
This certificate is valid with the original stamp of the quality department or the original stamp of the authorized sales department. Photocopies are invalid.

3. 如有质量异议，请来电来函说明情况，并告知质量证明书编号。
In any quality query, please call or fax, indicating the certificate number.

1. 茲證明所列產品經檢驗均符合合同和标准要求。

2. 本证明书盖质保部检验专用章或经授权的销售部公章生效, 复印无效。

This certificate is valid with the original stamp of the quality department or

the original stamp of the authorized sales department. Photocopies are invalid.

If any quality query, please clarify via photo call or fax, indicating the certificate number.

地址：浙江省丽水市松阳县工业园区瑞阳大道217号 TEL:0578-8019315 FAX:0578-8017518



春錢進印

判定員Judger:

下扣檢驗

Non-destructive test