

Order : SNL-01417427

Index : 180710BC200

Ref. :

Artikel: 4" S 10S N TEE A403 316(L) *

Levering: 0085461752/000120

Hoeveelh: 38 ST

Charge: 170118S11

Dit document is automatisch gereproduceerd en identiek aan het origineel

APPROVED

date 03-01-2019

FAB

signature

007

ISO14001
OHSAS18001PED 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-SA18020903-18 Page 18 of 19

L/C NO:NLHM0016494

Customer:	VAN LEEUWEN STAINLESS B.V.	Marking: ● Manufacture's Mark ● Dimension & Schedule ● Material S(Seamless)orW(Welded) ● Heat Number & Standard ● Inspector Stamp
Order No.:	3477831	
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:	Solution annealed at: 1040°C and duration:30 minutes	
Melting Process:	Electric Arc Furnace	

Extend of material delivery:

Item No.	Description	Dimension	Quantity	Heat No.	Base Cert.No.	Remarks
180209030086	TEE	21/2"*10S	30	170118S11	ST170615-02	
180209030087	RED TEE	21/2"*10S/2"*10S	5	170118S11	ST170615-02	
180209030088	RED TEE	3"*10S/1"*10S	10	170118S11	ST170613-12	
180209030089	TEE	4"*10S	75	170118S11	ST170613-11	
180209030090	RED TEE	4"*10S/2"*10S	20	170118S11	ST170613-10	

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%
180209030086	170118S11	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/
180209030087	170118S11	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/
180209030088	170118S11	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/
180209030089	170118S11	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/
180209030090	170118S11	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/

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	3	
180209030086	170118S11	275	/	576	54	134	/	/	/	
180209030087	170118S11	275	/	576	54	134	/	/	/	
180209030088	170118S11	263	/	569	53	134	/	/	/	
180209030089	170118S11	269	/	573	59	133	/	/	/	
180209030090	170118S11	272	/	576	57	133	/	/	/	

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:

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

QA Engineer :



APPROVED

date 03-01-2019

FAB

signature

APPROVED

date 03-01-2019

FAB

signature

ZHEJIANG STELLAR PIPE INDUSTRY CO.,LTD

XIAOZHI INDUSTRIAL PARK, WENXI TOWN, QINGTIAN COUNTY, LISHUI CITY, ZHEJIANG, CHINA, 323900

MILL TEST CERTIFICATES to EN 10204/3.1 PED 97/23

PED Certificate no.:331/2007/MUC

Customer : SUZHOU YULI PIPELINE INDUSTRY CO.,LTD

Contract No. : T17ZWL0519-01

Order No. :

Specification : ASTM A312-2015



Cert No. : ST170613-11

Steel Grade : TP316/316L

Delivery Condition : Solution Treated

Goods : STAINLESS STEEL SEAMLESS PIPE

Appearance : Pickling

Heat No.		Chemical Composition (%)									
		C	Si	Mn	P	S	Cr	Ni	Mo	Ti	N
Spec.	Min.						16.00	10.00	2.00		
	Max.	0.035	1.00	2.00	0.045	0.030	18.00	14.00	3.00		
Ladle Analysis	170118S11	0.016	0.38	0.95	0.031	0.005	16.38	10.14	2.11		
Product Analysis		0.014	0.37	0.93	0.032	0.008	16.40	10.15	2.09		
Batch No.	Size	Quantity							Visual Examination		
2T170529-18	114.3*3.5*3000-8000	20 PCS			1159 KGS			OK			
Mechanical Properties (Acc to ASTM A370)											
Test No.	Tensile Strength	Proof Strength	Elongation	Flattening	Ring	Drift	Ring	Hardness	Grain		
	MPa	MPa	A(%)	Test	Tensile	Expanding	Expanding	Test	Size No.		
Spec.	Min.	515	205	35					E112		
	Max.							90			
LI	573	269	59	GOOD	/	/	/	75	/		
<div style="text-align: center;">  <p>材料责任人审核专用章</p> <p>日期: 2017.06.16</p> </div>											
Leak Tightness Test		Non-destructive Testing		Intergranular Corrosion Test							
Hydrostatic Test	Eddy Current Test	Ultrasonic Test		Acc to ASTM A262-E							
Acc to ASTM A999	Acc to ASTM E426	Acc to ASTM E213									
/	GOOD	GOOD		/							
Additional Remarks:											
1. Country of Origin: China				2. 100% PMI				3. No weld repair			
4. Solution Temperature :1050°C. Hold 30minutes. Rapid Water Cooling.				5. Hardness Acc. to NACE MR 0103				6. NACE MR 0103			
We hereby certify that the material described above has been tested and complies with the terms of the Contract and we confirm that P.M.I has been done.											
<div style="text-align: center;"> JUN/13/2017 Date </div>											
<div style="text-align: center;">  <p>浙江泰朗钢管有限公司 检验专用章</p> <p>QUALITY INSPECTION SPECIAL SEAL</p> <p>ZHEJIANG STELLAR PIPE INDUSTRY CO., LTD</p> <p>质量检验专用章</p> <p>SPECIAL SEAL OF THE QUALITY INSPECTION</p> </div>											

Order : SNL-01417427

Index : 181008BC600

Ref. :

Artikel: 3X 2" S 10S N TEE A403 316(L) *

Levering: 0085461752/000140

Hoeveelh: 2 ST

Charge: FK1710-058

APPROVED

date 03-01-2019

FAB

signature

Dit document is automatisch gereproduceerd en identiek aan het origineel



PED CERT NO: DGR-0036-QS-W 130/2013/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-SA18060102-24

Page 24 of 27

Customer:	VAN LEEUWEN STAINLESS B.V.	Marking: ● Manufacture's Mark ● Dimension & Schedule ● Material S(Seamless)orW(Welded) ● Heat Number & Standard ● Inspector Stamp
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	
Melting Process:	Solution annealed at: 1040°C and duration:30 minutes minimum and water quenched	

Extend of material delivery:

Item No.	Description	Dimension	Quantity	Heat No.	Base Cert.No.	Remarks
180601020114	TEE	3"40S	50	FK1710-058	20180613-45	
180601020115	RED TEE	3"10S/2"10S	15	FK1710-058	20180607-51	X
180601020116	RED TEE	3"40S/2"40S	5	FK1710-058	20180613-44	
180601020117	RED TEE	4"40S/2"40S	5	FK1710-058	20180425-45	
180601020118	RED TEE	4"10S/3"10S	10	FK1710-058	20180429-27	

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%
180601020114	FK1710-058	0.009	0.70	0.33	0.003	0.035	16.38	10.08	2.06	/
180601020115	FK1710-058	0.009	0.70	0.33	0.003	0.035	16.38	10.08	2.06	/
180601020116	FK1710-058	0.009	0.70	0.33	0.003	0.035	16.38	10.08	2.06	/
180601020117	FK1710-058	0.009	0.70	0.33	0.003	0.035	16.38	10.08	2.06	/
180601020118	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℃			
		0.2%	1%		LO	HB≤190	1	2	3	
180601020114	FK1710-058	255	/	560	54	134	185	190	195	
180601020115	FK1710-058	270	/	565	52	134	/	/	/	
180601020116	FK1710-058	275	/	560	53	134	185	190	195	
180601020117	FK1710-058	265	/	575	58	133	185	190	195	
180601020118	FK1710-058	265	/	560	54	133	/	/	/	

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:

- No weld repair.
- 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.
- Manufacture confirms yield stress values according to ASME section II, part D table Y1

QA Engineer :

Date: 16/02/2018



省著名商标

宝丰钢业集团有限公司
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.: AY18032046

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.: 20180607-51

日期 Date: 2018 年 06 月 07 日

合同编号 Item No.	钢种 Grade	炉号 Heat No.	炉批号 Lot No.	规格 Size (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
								C	Si	Mn	P	S	Cr	Ni	Mo	Ti	
AY18032046-103	TP31631L	1709-985	A1806-875	26.9*3	18	108	192	0.019	0.39	0.80	0.030	0.001	16.21	10.07	2.06	/	ASTMA312312M
AY18032046-104	TP31631L	1709-985	A1806-669	48.3*4	10	60	264	0.019	0.39	0.80	0.030	0.001	16.21	10.07	2.06	/	ASTMA312312M
AY18032046-105	TP31631L	1709-985	A1806-672	60.3*3	35	210	889	0.019	0.39	0.80	0.030	0.001	16.21	10.07	2.06	/	ASTMA312312M
AY18032046-106	TP31631L	1709-985	A1806-714	60.3*5.7	40	240	1860	0.019	0.39	0.80	0.030	0.001	16.21	10.07	2.06	/	ASTMA312312M
AY18032046-107	TP31631L	FK1710-058	A1806-643	88.9*3.2	25	150	1024	0.009	0.33	0.70	0.035	0.003	16.38	10.08	2.06	/	ASTMA312312M
尺寸公差 表面质量 力学性能 工艺性能 无损检测 晶间腐蚀																	
Dimension tolerance and Surface quality																	
Mechanical property																	
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	工艺性能 Process property	Flaming Test	Hardness HRB	晶间腐蚀 Corrosion Test							
AY18032046-103	280/285	570/580	54/52	/	合格	/	合格	/	合格	合格							
AY18032046-104	265/280	580/585	53/54	/	合格	/	合格	/	合格	合格							
AY18032046-105	275/280	575/580	52/53	/	合格	/	合格	/	合格	合格							
AY18032046-106	260/275	565/566	55/54	/	合格	/	合格	/	合格	合格							
AY18032046-107	270/285	565/575	52/54	/	合格	/	合格	/	合格	合格							

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. 本证明书盖有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, 并告知原证明书的编号。

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

钱进

判定员 Judge

无损检验
Non-destructive test



date 03-01-2019

signature

APPROVED

Order : SNL-01417427

Index : 180212BA400

Ref. :

Artikel: 4X 2" S 10S N TEE A403 316(L) *

Levering: 0085461752/000150

Hoeveelh: 2 ST

Charge: 170118S11

APPROVED

date 03-01-2019

FAB

signature

Dit document is automatisch gereproduceerd en identiek aan het origineel



ISO14001

OHSAS18001

PED CERT NO: DGR-0036-QS-W 580/2013/MUC

File No: YL/ZJ19-01

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-SA17101901-21

Page 21 of 21

Customer:	VAN LEEUWEN STAINLESS B.V.	Marking: ● Manufacture's Mark ● Dimension & Schedule ● Material S(Seamless)orW(Welded) ● Heat Number & Standard ● Inspector Stamp
Order No.:	3472525	
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:	Solution annealed at: 1040°C and duration:30 minutes minimum and water quenched	
Melting Process:	Electric Arc Furnace	

Extend of material delivery:

Item No.	Description	Dimension	Quantity	Heat No.	Base Cert.No.	Remarks
171019010097	RED TEE	4 " *10S/2 " *10S	30	170118S11	ST170613-10	
171019010098	RED TEE	6 " *10S/4 " *10S	5	170118S11	ST170617-02	

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%
171019010097	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/	/
171019010098	0.016	0.95	0.38	0.005	0.031	16.38	10.14	2.11	/	/

B. Mechanical Properties & Tensile Inspection :

Heat No.	Yield Strength		Tensile Strength	Elongation 4D	Hardness	Impact test by 20°C			
	0.2%	1%				1	2	3	
171019010097	272	/	576	57	133	/	/	/	
171019010098	270	/	575	56	133	190	205	200	

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 :





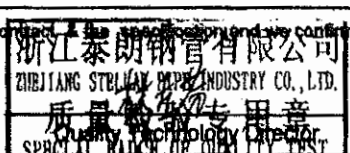
APPROVED	
date	03-01-2019
FABR	signature



ZHEJIANG STELLAR PIPE INDUSTRY CO.,LTD
XIAOZHI INDUSTRIAL PARK,WENXI TOWN, QINGTIAN COUNTY, LISHUI CITY, ZHEJIANG, CHINA, 323900
MILL TEST CERTIFICATES to EN 10204/3.1 PED 97/23
PED Certificate no.:331/2007/MUC

Customer : SUZHOU YULI PIPELINE INDUSTRY CO.,LTD
Contract No. : T17ZWL0519-01
Specification : ASTM A312-2015
Steel Grade : TP316/316L
Goods : STAINLESS STEEL SEAMLESS PIPE

Order No. :
Cert No. : ST170613-11
Delivery Condition : Solution Treated
Appearance : Pickling

Heat No.		Chemical Composition (%)									
		C	Si	Mn	P	S	Cr	Ni	Mo	Ti	N
Spec.	Min.						16.00	10.00	2.00		
	Max.	0.035	1.00	2.00	0.045	0.030	18.00	14.00	3.00		
Ladle Analysis		0.016	0.38	0.95	0.031	0.005	16.38	10.14	2.11		
Product Analysis		0.014	0.37	0.93	0.032	0.008	16.40	10.15	2.09		
Batch No.		Size		Quantity				Visual Examination			
2T170529-18		114.3*3.5*3000-8000		20 PCS		1159 KGS		OK			
Test No.		Mechanical Properties (Acc to ASTM A370)									
		Tensile Strength	Proof Strength	Elongation	Flattening Test	Ring Tensile Test	Drift Expanding Test	Ring Expanding Test	Hardness Test	Grain Size No.	
		MPa	MPa	A(%)					HRB	E112	
Spec.	Min.	515	205	35					90		
	Max.										
L1		573	269	59	GOOD	/	/	/	75	/	
Leak Tightness Test		Non-destructive Testing		Intergranular Corrosion Test							
Hydrostatic Test		Eddy Current Test		Ultrasonic Test		Acc to ASTM A262-E					
Acc to ASTM A999		Acc to ASTM E426		Acc to ASTM E213							
/		GOOD		GOOD		/					
<div style="text-align: center;">  材料责任人审核专用章 日期: 2017.06.16 </div>											
<div style="text-align: center;">  检验专用章 ZHEJIANG STELLAR PIPE INDUSTRY CO., LTD. </div>											
Additional Remarks:											
1.Country of Origin: China 2.100% PMI 3.No weld repair 4.Solution Temperature :1050°C. Hold 30minutes.Rapid Water Cooling. 5.Hardness Acc. to NACE MR 0103 / NACE MR0175											
We hereby certify that the material described above has been tested and complies with the terms of the Contract & the specification and we confirm that P.M.I has been done.											
<div style="display: flex; justify-content: space-between;"> <div> JUN/13/2017 Date </div> <div>  浙江泰朗钢管有限公司 ZHEJIANG STELLAR PIPE INDUSTRY CO.,LTD. 质量检验专用章 QUALITY INSPECTION SPECIAL </div> </div>											