



Aalco Dyfed
Units 3-4
Capel Hendre Ind Est
Ammanford
SA18 3SJ
United Kingdom

Telephone: 01269 842044
Fax: 01269 843276

VAT Registration No. GB 711 1155 91

Deliver To

S4 STAINLESS INDUSTRIAL & MARINE LIMITED
UNIT 2, JAMES COURT,
SWANSEA ENTERPRISE PARK,
SWANSEA
WALES
SA1 7DA
United Kingdom

Customer		Issue Date	Test Certs Required
STA04D		06/08/2026	
Product	Quantity	Description	
002169DD	30 m	S/S WELD PIPE A312 316L 4" SCH10S ASTM A312:DIMS ANSI B36.19 Batch ID Cast No. Cert No. Pieces QA MC0518732-003-001 PCF121892 260122P0086 5 IRF: SO0036067DD-1/1 Salesperson: ddhb Due date: 06/08/2026 Pr.Ord: PRO0067268DD	092765
003799DD	4 ea	S/S BWF A403 316L WP-W 4" SCH10S EQUAL TEE ASTM A403:DIMS ANSI B16.9 Batch ID Cast No. Cert No. Pieces QA MC0513539-001-001 N240613AY04 20251215-09 4 IRF: SO0036067DD-1/5 Salesperson: ddhb Due date: 06/08/2026 Pr.Ord: PRO0067271DD	092765
003797DD	4 ea	S/S BWF A403 316L WP-W 4" SCH10S 45 LR ELBOW ASTM A403:DIMS ANSI B16.9 Batch ID Cast No. Cert No. Pieces QA MC0516112-001-001 N240613AY04 20251229-29 4 IRF: SO0036067DD-1/3 Salesperson: ddhb Due date: 06/08/2026 Pr.Ord: PRO0067270DD	092765
003792DD	4 ea	S/S BWF A403 316L WP-W 4" SCH10S 90 LR ELBOW ASTM A403:DIMS ANSI B16.9 Batch ID Cast No. Cert No. Pieces QA MC0516107-001-001 N240613AY04 20251229-28 4 IRF: SO0036067DD-1/2 Salesperson: ddhb Due date: 06/08/2026 Pr.Ord: PRO0067269DD	092765

PLEASE NOTE YOU
ARE SIGNING FOR
TEST CERTIFICATES

RECEIVED IN GOOD CONDITION	Customer Signature:	Print name:	Date:
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Your signature on this page confirms receipt of all materials received against the total number of pages, as indicated above.

You are also signing for the receipt of test certificates, where requested.

Aalco Metals Ltd is a company registered in England No. 3551533
Registered Office: Parkway House, Unit 6, Parkway Industrial Estate, Pacific Avenue,
Wednesbury, WS10 7WP

275.6799908447266





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SA1 7DA
United Kingdom

PLEASE NOTE YOU
ARE SIGNING FOR
TEST CERTIFICATES

<u>Customer</u> STA04D		<u>Issue Date</u> 06/08/2026	<u>Test Certs Required</u>						
<u>Product</u>	<u>Quantity</u>	<u>Description</u>							
002169DD	30 m								

The quality status of this material is as follows:

- A. Certified material from an ISO 9001 registered source
- B. Uncertified material from an ISO 9001 registered source
- C. Certified material from a company approved source
- D. Uncertified material from a company approved source

E. & O.E.

This contract is subject to our Conditions of Sale which are available on request or by visiting our web site (<http://www.aalco.co.uk>).

Reference to "The Company" overleaf refers to Aalco Metals Ltd

Certified that the supplies detailed hereon have been subject to the procedures of our ISO9001 registered Quality System.

Aalco Metals Ltd is a company registered in England No. 3551533
Registered Office: Parkway House, Unit 6, Parkway Industrial Estate, Pacific Avenue,
Wednesbury, WS10 7WP

275.6799908447266





YC INOX CO., LTD.

INSPECTION CERTIFICATE

EN 10204-3.1:2004

No.270, Sec. 4, Jungshan Rd., Shijou,
Chang-Hwa, 524009, Taiwan (R.O.C.)
<http://www.ycinox.com>
TEL : +886-4-8899666 FAX : +886-4-8899760

MC - S18132 - C1-O3



Customer	THE METAL CENTRE		Customer No.	FCB904		Certificate No.	200122P00060	
Product	STAINLESS STEEL WELDED PIPE		Commercial Invoice No.	J26010074		Date of Issue	2026/01/22	
Specification	ASTM A312/A312M-25		PO No.	53402		Order No.	EP25110015-5	
Steel Grade	TP316/316L		Finish	PICKLED	P.I.No.	PI 2510-181	Weight No.	C26010130

Item No.	Heat No.	Product Description	Chemical Composition(%)										Tension Test			*01	*02	*03	*04	*05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dimension	Quantity Pcs	C	Si	Mn	P	S	Ni	Cr	Mo	0.2% V.S.	T.S.	E.L.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Remark

Note

*STANDARDS: ASTM A312/A99, ASME SA312(2023 SECTION II PART A)
*STANDARDS: ASTM A312, ASME B36.19M
*QM-SYSTEM FOR MATERIAL MANUFACTURER ACCORDING TO PED 2014/68/EU ANNEX 1 PAR 4.3
*O.D. ≤5", EDDY CURRENT TEST ACC TO EN ISO 10893-1 AND ASTM PR. E426 WITH DRILLED HOLE AS REFERENCE STANDARD
*WELD FACTOR = 0.8 (ACC. TO ASME B31.3 TABLE 302.3.4)

100% Alloy Verification(PMI) : OK
Intergranular Corrosion Test (according to ASTM A262 Practice E) : OK
Hardness according to NACE MR0175 / ISO 15156-3:2020 : Satisfactory.
Hardness according to NACE MR0103 / ISO 17945:2015(R2023) : Satisfactory.
Country of melt and pour : Indonesia(4)
Country of melt and pour : Taiwan(1-3,5)

*01= Hardness Test
*02= Heat Treatment(W.O.)
*03= Hydrostatic Test
*04= Eddy-Current Test
*05= Flattening Test
*Gauge Length: 50mm

Visual Inspection(Surface) and Dimension Check : OK

1MPa=1N/mm²=10bar=145psi=10.2kgf/cm²

Surveyor By	We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification. The material described above has been found free of radiation by raw material supplier.		1.ISO 9001:2015 (No.01 100 058299) 2.PED / AD2000 (No.01 202 TWM/Q-05 0105) 3.ISO 3834 (No.01 240 TWM/A-15 0104) 4.ISO 45001:2018 (No.01 113 822 096385) 5.ISO 60001:2018 (No.01 407 096385)	Manager of Quality Assurance Department
N/A				Russell Wu



TSINGSHAN STEEL PIPE CO., LTD.

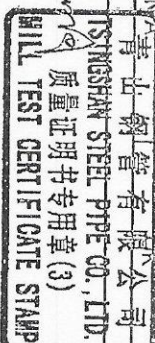
Lidun Industrial Zone, Lidun Town, Zhouning County, Ningde City,
355402 Fujian, China

Mill Test Certificate acc. to EN10204 3.1

青山钢管
TSINGSHAN STEEL PIPE

mc-513534-01

ISO 9001:2015 Cert. No.: 01 100 1733602
Directive 2014/68/EU Cert. No.: 01 202 CHN/Q-16 0600
AD 2000-Merkblatt W0 Cert. No.: 01 202 CHN/Q-16 0600
TS Cert. No.: TS2735202-2030

Contract No.		TF20250934		The Metal Centre		PO No.		PO0051229MC		Certificate No		20251215-09	
Product		STAINLESS STEEL COLD FORMED BUTT WELD FITTINGS										Solution Annealed, pickled and passivated	
Item	Quantity	Size		Description		Grade		Heat No.		Heat treatment		Quenching	
3	5	4"		SCH40S		WP316/316L-W		CYH070155		1050°C		RWQ	
4	38	4"		SCH10S		WP316/316L-W		N240613AY04		1050°C		RWQ	
6	10	6"X3"		SCH10S		WP316/316L-W		CYH070014		1050°C		RWQ	
7	20	8"X6"		SCH10S		WP316/316L-W		A250317AC10		1050°C		RWQ	
9	375	2"		SCH10S		WP316/316L-W		D250613AL13		1050°C		RWQ	
12	100	1"		SCH40S		WP316/316L-W		G240812B021-2		1050°C		RWQ	
13	8	4"		SCH40S		WP316/316L-W		CYH070155		1050°C		RWQ	
45 Degree Elbow Long Radius													
Chemical Composition (%)													
Heat No.	C	Mn	P	S	Si	Cr	Ni	Mo					
CYH070155	0.017	1.05	0.031	0.002	0.40	16.45	10.01	2.02					
N240613AY04	0.017	1.03	0.036	0.001	0.40	16.59	10.01	2.01					
CYH070014	0.016	1.38	0.032	0.001	0.54	16.78	10.01	2.00					
A250317AC10	0.014	1.04	0.034	0.002	0.36	16.54	10.06	2.03					
D250613AL13	0.017	1.36	0.035	0.001	0.50	16.81	10.05	2.03					
G240812B021-2	0.024	1.05	0.031	0.002	0.47	16.76	10.00	2.02					
CYH070155	0.017	1.05	0.031	0.002	0.40	16.45	10.01	2.02					
Mechanical Properties													
Heat No.	TS(Mpa)	YS Rp0.2%(Mpa)	EL(%)	Hardness	NACE MR0175	IC Test ASTM A262E	Impact Test	Non-destructive Test					
CYH070155	573	291	56.0	HRB=71	OK	OK	N/A	RT	PMI 100%	Visual			Dimensional
N240613AY04	563	269	56.2	HRB=81	OK	OK	N/A	N/A	OK	OK			OK
CYH070014	573	274	55.6	HRB=77	OK	OK	N/A	N/A	OK	OK			OK
A250317AC10	558	267	56.2	HRB=77	OK	OK	N/A	N/A	OK	OK			OK
D250613AL13	600	274	55.8	HRB=73	OK	OK	N/A	N/A	OK	OK			OK
G240812B021-2	586	263	54.7	HRB=81	OK	OK	N/A	N/A	OK	OK			OK
CYH070155	573	291	56.0	HRB=71	OK	OK	N/A	N/A	OK	OK			OK
MARKING: TSINGSHAN ASTM/ASME A5A403 CODE GRADE NPS SCH HEAT NO. ***													
1. Material conforms to the Specifications/Standards shown. 2. In accordance with NACE MR0175 & MR0103 / ISO 15156 latest edition. 3. Country of Melt: CHINA 4. Country of Origin: CHINA										Q.A. Manager: 			
Date: 15-Dec-25													



青山钢管
TSINGSHAN STEEL PIPE

TSINGSHAN STEEL PIPE CO., LTD.

Lidun Industrial Zone, Lidun Town, Zhouning County, Ningde City,
355402 Fujian, China
Mill Test Certificate acc. to EN10204 3.1

ISO 9001:2015
Directive 2014/68/EU
AD 2000-Merkblatt W0
TS
Cert. No.: TS2735202-2030

mc-51612-01
Cert. No.: 01 100 1733602

Cert. No.: 01 202 CHN/Q-16 0600

Cert. No.: 01 202 CHN/Q-16 0600

Cert. No.: TS2735202-2030

Client		The Metal Centre				Certificate No		20251229-29		
Contract No.		TF20251036		PO No.		PO0053290MC		Solution Annealed, pickled and passivated		
Product		STAINLESS STEEL COLD FORMED BUTT WELD FITTINGS								
Item	Quantity	Size		Description		Specification		Heat No.	Heat treatment	Quenching
25	5	4"X3"		SCH10S		Eccentric Reducer		WP316/316L-W	1050°C	RWQ
29	125	2"		SCH40S		90 Degree Elbow Long Radius		WP316/316L-W	1050°C	RWQ
31	50	4"		SCH10S		45 Degree Elbow Long Radius		WP316/316L-W	1050°C	RWQ
38	50	3"X2"		SCH10S		Concentric Reducer		WP316/316L-W	1050°C	RWQ
39	8	3/4"X1/2"		SCH40S		Concentric Reducer		WP316/316L-W	1050°C	RWQ
41	5	2 1/2"X2"		SCH40S		Concentric Reducer		WP316/316L-W	1050°C	RWQ
42	13	3"X2"		SCH40S		Concentric Reducer		WP316/316L-W	1050°C	RWQ
Chemical Composition (%)										
Heat No.	C	Mn	P	S	Si	Cr	Ni	Mo		
S241104AA23	0.015	1.34	0.033	0.002	0.49	16.38	10.06	2.08		
CUW070015	0.015	1.01	0.036	0.001	0.41	16.72	10.00	2.00		
N240613AY04	0.017	1.03	0.036	0.001	0.40	16.59	10.01	2.01		
N250308AX03	0.016	1.41	0.038	0.001	0.46	16.71	10.06	2.02		
S622267	0.016	0.74	0.031	0.004	0.56	16.44	10.05	2.04		
N210525AY04-5	0.015	1.05	0.035	0.001	0.32	16.76	10.03	2.00		
CXT070115	0.016	1.01	0.033	0.001	0.34	16.48	10.02	2.00		
Mechanical Properties										
Heat No.	TS(Mpa)	YS Rp0.2%(Mpa)	EL(%)	Hardness	NACE MR0175	IC Test ASTM A262E	Impact Test	Non-destructive Test		
S241104AA23	559	263	58.3	HRB=71	OK	OK	N/A	N/A	N/A	PMI 100%
CUW070015	565	279	56.0	HRB=72	OK	OK	N/A	N/A	N/A	OK
N240613AY04	563	269	56.2	HRB=77	OK	OK	N/A	N/A	N/A	OK
N250308AX03	564	268	54.9	HRB=78	OK	OK	N/A	N/A	N/A	OK
S622267	599	272	52.0	HRB=80	OK	OK	N/A	N/A	N/A	OK
N210525AY04-5	562	274	56.3	HRB=84	OK	OK	N/A	N/A	N/A	OK
CXT070115	572	279	56.2	HRB=81	OK	OK	N/A	N/A	N/A	OK
MARKING: TSINGSHAN ASTM/ASME A/SA403 CODE GRADE NPS SCH HEAT NO. ***										
1. Material conforms to the Specifications/Standards shown. 2. In accordance with NACE MR0175 & MR0103 / ISO 15156 latest edition. 3. Country of Melt: CHINA 4. Country of Origin: CHINA							Q.A. Manager:	青山钢管有限公司 TSINGSHAN STEEL PIPE CO., LTD. 质量证明书专用章(3) MILL TEST CERTIFICATE STAMP		
							Date:	29-Dec-25		



TSINGSHAN STEEL PIPE CO., LTD.

Lidun Industrial Zone, Lidun Town, Zhouning County, Ningde City,
355402 Fujian, China

355402 Fujian, China

Mill Test Certificate acc. to EN10204 3.1

青山钢管
TSINGSHAN STEEL PIPE

ISO 9001:2015
Directive 2014/68/EU
AD 2000-Merkblatt W0
Cert. No.: 01 202 CHN/C-16 0600
Cert. No.: TS2735202-2030

TS
Cert. No.: 01 100 1733602
Cert. No.: 01 202 CHN/C-16 0600
Cert. No.: 01 202 CHN/C-16 0600
Cert. No.: TS2735202-2030

mc-516107-01

Contract No.		TF20251035		PO No.		PO0053290MC		Certificate No		20251229-28		
Product		STAINLESS STEEL COLD FORMED BUTT WELD FITTINGS								Solution Annealed, pickled and passivated		
Item	Quantity	Size	Description		Grade	Heat No.	Heat treatment	Quenching				
2	120	1"	SCH10S	Stub End Short Pattern Type A	WP316/316L-W	G221115A091-3	1050°C	RWQ				
3	18	1 1/2"	SCH10S	Stub End Short Pattern Type A	WP316/316L-W	CUS070219	1050°C	RWQ				
11	5	4"	SCH40S	Equal Tee	WP316/316L-W	CYH070155	1050°C	RWQ				
14	15	4"X2"	SCH10S	Concentric Reducer	WP316/316L-W	S602410	1050°C	RWQ				
15	38	4"X3"	SCH10S	Concentric Reducer	WP316/316L-W	A250317AC08	1050°C	RWQ				
19	13	3"	SCH40S	90 Degree Elbow Long Radius	WP316/316L-W	A250404AA06	1050°C	RWQ				
21	75	4"	SCH10S	90 Degree Elbow Long Radius	WP316/316L-W	N240613AY04	1050°C	RWQ				
Chemical Composition (%)												
Heat No.	C	Mn	P	S	Si	Cr	Ni	Mo				
G221115A091-3	0.024	1.05	0.034	0.001	0.55	16.58	10.05	2.05				
CUS070219	0.017	1.17	0.034	0.001	0.36	16.48	10.03	2.01				
CYH070155	0.017	1.05	0.031	0.002	0.40	16.45	10.01	2.02				
S602410	0.019	1.37	0.032	0.002	0.61	16.76	10.05	2.06				
A250317AC08	0.015	1.11	0.033	0.003	0.34	16.59	10.04	2.00				
A250404AA06	0.015	1.18	0.031	0.002	0.45	16.89	10.05	2.02				
N240613AY04	0.017	1.03	0.036	0.001	0.40	16.59	10.01	2.01				
Mechanical Properties												
Heat No.	TS(Mpa)	YS Rpo.2%(Mpa)	EL(%)	Hardness	NACE MR0175	IC Test ASTM A262E	Impact Test	Non-destructive Test		PMI 100%	Visual	Dimensional
G221115A091-3	555	267	58.0	HRB=75	OK	OK	N/A	N/A	RT	OK	OK	OK
CUS070219	570	279	56.0	HRB=80	OK	OK	N/A	N/A	N/A	OK	OK	OK
CYH070155	573	291	56.0	HRB=78	OK	OK	N/A	N/A	N/A	OK	OK	OK
S602410	619	282	53.9	HRB=74	OK	OK	N/A	N/A	N/A	OK	OK	OK
A250317AC08	567	265	54.6	HRB=85	OK	OK	N/A	N/A	N/A	OK	OK	OK
A250404AA06	582	274	58.2	HRB=76	OK	OK	N/A	N/A	N/A	OK	OK	OK
N240613AY04	563	269	56.2	HRB=77	OK	OK	N/A	N/A	N/A	OK	OK	OK
MARKING:TSINGSHAN ASTM/ASME A/SA403 CODE GRADE NPS SCH HEAT NO. ***												
1. Material conforms to the Specifications/Standards shown.							Q.A. Manager: 					
2. In accordance with NACE MR0175 & MR0103 / ISO 15156 latest edition.							Date: 29-Dec-25					
3. Country of Melt: CHINA							青山钢管有限公司					
4. Country of Origin: CHINA							TSINGSHAN STEEL PIPE CO., LTD.					
							质量证明书专用章(3)					
							MILL TEST CERTIFICATE STAMP					