

Customer#: HARSPP MTR#: TCBW/TCBW53237.pdf PO#: P1312534 So#: LBTUQ5
 Item: B46LL9040 Bundle: Heatno: 1012541 Cusfititem:



TA CHEN STAINLESS PIPE CO., LTD.

Mill Test Report

TCBW53237

Commodity : STAINLESS STEEL BUTT-WELDING FITTING
 90 DEG LONG RADIUS ELBOW
 Specification : ASTM A403/A403M-2019
 ASME SA403-2017 ANSI B16.9-2018/ASME B16.9-2018
 Grade : WP316/316L-W

Customer : TA CHEN INTERNATIONAL, INC.
 Destination : DULUTH
 Customer O/N : L82088/W533-15 Certificate No : TB0226008

EN 10204-3.1
 NO. 125 HSIN-TIEN 2ND ST.,
 JENG-TEH, TAINAN, TAIWAN
 TEL:(06)2793254 FAX:(06)2701382
 COUNTRY ORIGIN: TAIWAN



Delivery Condition:

Factory O/N : QA02T3372 Date : 2019/5/31 INVOICE No : QA02TB0226

Item No.	Case No. (Crate No.)	Heat No.	Size	Quantity (Pcs)	Weight (Kgs)	Chemical Composition in %									
						C	Si	Mn	P	S	Ni	Cr	Mo	N	
01	006	1008720	1-1/4" SCH40S	2		0.018	0.682	0.831	0.032	0.0013	10.12	16.740	2.031	0.029	
02	006	1012541	2" SCH10S	2		0.014	0.580	0.967	0.032	0.0031	10.10	16.720	2.093	0.028	
03	011	YU185256	2" SCH40S	64		0.015	0.570	1.110	0.034	0.0010	10.17	16.730	2.030	0.013	
04	006	YU186119	3" SCH40S	49		0.014	0.550	1.030	0.036	0.0010	10.13	16.860	2.010	0.011	
05	006	1012541	4" SCH40S	59		0.014	0.580	0.967	0.032	0.0031	10.10	16.720	2.093	0.028	
Total				176											

Item No.	Tensile Test (Gage Lth=50mm)				Hardness Test HRB	Bend Test	HT TEMP °F Quenching In Water	Dimension And Surface Condition	Melt Source	Remarks
	0.2% Yield Strength PSI	1.0% Yield Strength PSI	Tensile Strength PSI	Elongation %						
	30000	-	75000	L28						
01	58000	-	87000	48	83.00		1904	OK	CHINA	1. FITTINGS TO BE IN CONFORMANCE WITH AND MARKED AS PER THE LATEST EDITION OF B16 9 OR B16.49, AS APPLICABLE 2. NO WELD REPAIR WAS PERFORMED AND ALL ITEMS ARE FREE OF WELD REPAIR 3. MATERIAL ARE FREE OF MERCURY CONTAMINATION AND RADIOACTIVITY 4. ALL PRODUCTS WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED SOLELY BY THE MANUFACTURER INDICATED ON THIS DOCUMENT IN ACCORDANCE WITH INDICATED SPECIFICATION(S) AND WERE FOUND TO MEET THE REQUIREMENTS 5. NACE MR0175/ISO 15156-3-15 ANNEX A: OK 6. NACE MR0103-12 MEETS REQUIREMENT OF ASTM A403-07/ASME SA403
02	43000	-	86000	52	82.00		1904	OK	CHINA	
03	51000	-	84000	58	74.00		1904	OK	TAIWAN	
04	46000	-	78000	59	77.00		1904	OK	TAIWAN	
05	45000	-	82000	58	82.00		1904	OK	CHINA	

We hereby certify the above statement to be true and correct every detail
 TA CHEN has established a QMS according to ISO 9001, which is certified by LRQA (cert. no.10068149)

George Yang
 Manager of Inspection Section/George Yang

Stock 4724871 07/13/2019

 SSFIT 4IN SCH 40 316 SS LONG
 RADIUS 90 IMPORT