TA CHEN STAINLESS PIPE CO., LTD.

Inspection Certificate

ITEM NO: ~~22~~
PO NO: APO-1712-0165
DO NO: 105283

EN 10204-3.1 **ORIGINAL**

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

Commodity : STAINLESS STEEL BUTT-WELDING FITTING
STRAIGHT TEE

Customer :

Specification : ASTM A403/A403M-2016
ASME SA403-2015 ANSI B16.9-2012/ASME B16.9-2012

Destination : SINGAPORE

Grade : WP304/304L-W

Customer O/N : P001849 **Certificate No** : SB0087009

Delivery Condition:

Factory O/N : SP06RB431 **Date** : 2018/2/23 **INVOICE No** : SP06SB0087

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
						- 0.030	- 1.000	- 2.000	- 0.045	- 0.030	8.00 12.00	18.00 20.00	- -	- -
01	001	1006255	1" SCH10S	500		0.021	0.602	0.914	0.037	0.0014	8.127	18.400	-	0.054
02	003	1007488	1" SCH40S	150		0.025	0.423	1.008	0.041	0.0026	8.226	18.180	-	0.051
03	001	LZ57CB09	1-1/2" SCH40S	20		0.015	0.450	0.870	0.033	0.0020	8.050	18.290	-	0.061
04	003	1009197	2" SCH10S	50		0.016	0.453	0.991	0.034	0.0036	8.190	18.250	-	0.050
05	001	1010047	2-1/2" SCH10S	25		0.018	0.393	0.899	0.031	0.0031	8.052	18.210	-	0.050
			Total	745										

Item No.	Tensile Test (Gage Lth=50mm) 0.2% Yield Strength PSI	1.0% Yield Strength PSI	Tensile Strength PSI	Elongation %	Hardness Test HRB	Bend Test	HT TEMP °F Quenching In Water	Dimension And Surface Condition
	30000 -		75000 -	L28			1900 -	
01	39000	-	90000	50	86.00		1904	OK
02	43000	-	81000	58	85.00		1904	OK
03	58000	-	92000	42	82.00		1904	OK
04	42900	-	95600	50	84.00		1904	OK
05	34000	-	94000	52	87.00		1904	OK

Remarks

1. HARDNESS : NACE MR 0175-2009
2. ASTM A262 PRACTICE E : O.K.
3. PMI TEST : O.K.
4. SOLUTION ANNEALED & WATER QUENCHED
5. THE BW FITTINS WITHOUT FILLER METAL
6. ISO15156-3-2015 and NACE MR 0103-2009
* WPS NO : TC-WPS-TBT-01

PANTECH CORPORATION SDN. BHD.
Certified True Copy
WEE HUI NEE

We hereby certify the above statement to be true and correct every detail
TA CHEN has established a QMS according to ISO 900[illegible] which is certified by LRQA (cert. no.TWN093692[illegible])

George Yang
Manager of Inspection Section/George Yang