



TA CHEN STAINLESS PIPE CO., LTD.

Mill Test Report

TCBW35610

Commodity : STAINLESS STEEL BUTT-WELDING FITTING
 90 DEG LONG RADIUS ELBOW
 Specification : ASTM A403/A403M-2015
 ASME SA403-2013 ANSI B16.9-2012/ASME B16.9-2012
 Grade : WP316/316L-W

Customer : TA CHEN INTERNATIONAL, INC.
 EN 10204-3.1
 NO. 125 HSIN-TIEN 2ND ST.,
 JENG-TEH, TAINAN, TAIWAN
 TEL:(06)2793254 FAX:(06)2701382
 COUNTRY ORIGIN: TAIWAN
 Destination : HOUSTON
 Customer O/N : L53372
 Certificate No : PB0404004
 Factory O/N : QA02PTE07
 Date : 2015/9/18
 INVOICE No : QA02PB0404



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	
06	009	44136A	4" SCH40S	93		0.030	1.000	2.000	0.045	0.030	10.00	16.00	2.000	-	
07	010	43732A	6" SCH40S	45		0.022	0.500	0.880	0.036	0.0010	10.10	16.600	2.040	0.047	
				Total	138										

Item No.	Tensile Test (Gage Lth x W.Lth=50mm x 12.5mm)			Elongation %	Hardness Test HRB	Bend Test	HT TEMP °F Quenching In Water	Dimension And Surface Condition	Melt Source
	0.2% Yield Strength PSI	1.0% Yield Strength PSI	Tensile Strength PSI						
	30000		75000	L28			1900		
06	51000	-	86000	58			1904	OK	FINLAND
07	44000	-	83000	66			1904	OK	FINLAND

Remarks
 1. NACE MR0175/ISO15156-3-09 ANNEX A : OK
 2. NACE MR0103-12
 3. MERCURY FREE

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. TWN0936925)
 Manager of Inspection Section/George Yang

George Yang