

ANALYSIS CERTIFICATE

Date: October 05 2015

Certificate No.: GW-201510

Certificate Order:GW-036

Customer		Empresas Carbone International S.A.			Contract No. (Invoice No.)		GW-036		Specification		ASTM A554	
					Grade		AISI 304		State		WELDED	
Product		Welded Stainless Steel Rectanglar Pipes			Chemical Composition(%)							
No.	Size(mm)	Quantity (pcs)	Finish	Length (mm)	Item	C	Si	Mn	P	S	Ni	Cr
					Standard	≤0.08	≤1.00	≤2.00	≤0.035	≤0.030	8.00-10.00	17-19
1	25*13*1.5	150	180#	6000	No.							
2	50*25*1.5	100	180#	6000	1--15	0.04718	0.3421	0.752	0.0256	0.01980	8.102	17.7320
3	100*50*1.5	30	180#	6000	Mechanical Test							
4	150*50*1.5	5	180#	6000	Item	Elongation(%)	T.S(Rm) N/m m³		Y.S(Rp)0.2%N/m m³		Hardness(HV)	Stave Test
5	76*10*1.5	25	180#	6000	Standard No.	≥35	≥520		≥205		≤200	Eligible
6	50*25*2.5	10	180#	6000								
7	100*50*2.5	10	180#	6000	1	44	640		370		154	Eligible
8	25*13*1.5	10	600#	6000	2	47	640		370		155	Eligible
9	40*20*1.5	15	600#	6000	3	47	650		380		154	Eligible
10	50*25*1.5	70	600#	6000	4	42	630		370		156	Eligible
11	76*50*1.5	25	600#	6000	5	43	650		370		153	Eligible
12	100*50*1.5	10	600#	6000	6	42	630		370		154	Eligible
13	150*50*1.5	6	600#	6000	7	44	630		380		153	Eligible
14	50*10*1.5	10	600#	6000	8	43	650		370		154	Eligible
15	76*10*1.5	15	600#	6000	9	42	650		370		150	Eligible
					10	43	630		370		155	Eligible
					11	42	650		380		154	Eligible
					12	44	630		360		155	Eligible
					13	43	630		380		156	Eligible
					14	44	650		360		154	Eligible
					15	42	650		380		153	Eligible
Stamp:												

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