

EMPRESAS CARBONE S.A.			Certificate No. 180206C0022		
Product	PRIME COLD ROLLED STAINLESS STEEL SHEET				
Specification	ASTM A240M-16a/A480M-16b				
Steel Grade	304	Finish	N0.4 / N0.8 / 2B	Protect	PE

Item No.	Heat No.	Product Description			Chemical Composition(%)									Tension Test			*01	*02	C/No
		Dimensions	Quantity Pcs	Weight kgs	C	Si	Mn	P	S	Ni	Cr	N	0.2% Y.S.	T.S.	E.L.				
					X10 ⁻³	X10 ⁻²	X10 ⁻²	X10 ⁻³	X10 ⁻³	X10 ⁻²	X10 ⁻²	X10 ⁻³	MPa	%	HRB	°C/W.Q.			
Specification				Min. Max.	70	75	200	45	30	800	1750	100	205	515	40	92	1040		
1	C33AT1704186	2.5 mm x 1,219.0 mm x 3,048.0 mm	20	1,473	47	51	88	33	3	803	1826	60	279	633	55	82	1050	1	
2	C33AT1704186	2.5 mm x 1,219.0 mm x 3,048.0 mm	20	1,473	47	51	88	33	3	803	1826	60	279	633	55	82	1050	2	
3	C33AT1704269	2 mm x 1,219.0 mm x 3,048.0 mm	30	1,768	4.4	55	88	34	2	809	1805	62	299	654	55	83	1050	3	
4	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	54	2,387	19	38	152	32	2	810	1810	50	288	684	51	75	1050	4	
5	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	54	2,387	19	38	152	32	2	810	1810	50	288	684	51	75	1050	5	
6	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	53	2,342	19	38	152	32	2	810	1810	50	288	684	51	75	1050	6	
7	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	53	2,342	19	38	152	32	2	810	1810	50	288	684	51	75	1050	7	
8	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	53	2,342	19	38	152	32	2	810	1810	50	288	684	51	75	1050	8	
9	C33AW1800016	1.5 mm x 1,219.0 mm x 3,048.0 mm	53	2,342	19	38	152	32	2	810	1810	50	288	684	51	75	1050	9	
10	C33AT1800122	1.2 mm x 1,219.0 mm x 3,048.0 mm	65	2,298	50	46	88	35	3	806	1805	63	322	673	54	86	1050	10	
11	C33AT1800122	1.2 mm x 1,219.0 mm x 3,048.0 mm	65	2,298	50	46	88	35	3	806	1805	63	322	673	54	86	1050	11	
12	C33AT1800122	1.2 mm x 1,219.0 mm x 3,048.0 mm	65	2,298	50	46	88	35	3	806	1805	63	322	673	54	86	1050	12	
13	C33AT1800122	1.2 mm x 1,219.0 mm x 3,048.0 mm	65	2,298	50	46	88	35	3	806	1805	63	322	673	54	86	1050	13	
14	C33AT1800052	0.9 mm x 1,219.0 mm x 3,048.0 mm	84	2,227	60	49	90	32	2	808	1815	53	302	671	56	82	1050	14	
15	C33AT1800052	0.9 mm x 1,219.0 mm x 3,048.0 mm	83	2,201	60	49	90	32	2	808	1815	53	302	671	56	82	1050	15	
16	C33AT1800052	0.9 mm x 1,219.0 mm x 3,048.0 mm	83	2,201	60	49	90	32	2	808	1815	53	302	671	56	82	1050	16	
17	C33AT1800124	0.8 mm x 1,219.0 mm x 3,048.0 mm	80	1,886	56	47	87	32	3	810	1815	61	309	664	55	81	1050	17	
18	C33AT1800124	0.8 mm x 1,219.0 mm x 3,048.0 mm	80	1,886	56	47	87	32	3	810	1815	61	309	664	55	81	1050	18	
19	C33AT1800065	0.6 mm x 1,219.0 mm x 3,048.0 mm	100	1,768	44	54	90	31	1	806	1806	58	281	668	60	75	1050	21	
TOTAL:			1,160	40,217															
Remark															Note				

*01 = Hardness Test

*02= Heat Treatment

*Gauge Length: 50mm

1 MPa=1 N/mm²=10bar=145psi=
10.2kgf/cm²

Visual Inspection(Surface) and Dimension Check : OK

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.01100056299) 2.PED/AD2000 (No.01202TWN/Q-050105) 3.ISO 14001:2004 (No.01104822096385) 4.OHSAS 18001:2007 (No.01113822096385)
N/A		