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## CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO	DESTINATARIO / SHIP TO	FACTURA / INVOICE
Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P.54900	Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P. 54900	<b>223301</b>
		FECHA / DATE 10/07/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION				LONGITUD/ LENGTH	ANALISIS				
										%C	%Mn	%P	%S	%Si
4500111819	10135563-20	0009265698	0009634542	300294	PC	12.0X3.50	0.1046	CCCS DPR STK 12.000	12000 mm	0.0816	0.6158	0.0130	0.0144	0.0118
4500111819	10135563-20	0009265698	0009634584	300294	PC	12.0X3.50	0.1046	CCCS DPR STK 12.000	12000 mm	0.0816	0.6158	0.0130	0.0144	0.0118
4500111819	10135563-110	0009193943	0009719863	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.0856	0.3237	0.0226	0.0138	0.0118
4500111819	10135563-110	0009241150	0009719863	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.1271	0.5544	0.0145	0.0112	0.0143
4500111819	10135563-110	0009227796	0009719886	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.0856	0.3237	0.0226	0.0138	0.0118
4500111819	10135563-110	0009227796	0009719874	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.0856	0.3237	0.0226	0.0138	0.0118
4500111819	10135563-110	0009241155	0009719841	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.1271	0.5544	0.0145	0.0112	0.0143
4500111819	10135563-110	0009241155	0009719850	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.1271	0.5544	0.0145	0.0112	0.0143
4500111819	10135563-110	0009227796	0009719868	300341	CUAD	3.000	0.1880	CGBSDPR STK 6.096	6096 mm	0.0856	0.3237	0.0226	0.0138	0.0118
4500111819	10135563-120	0009645219	0009649351	311232	RECT	4.00X2.00	0.1495	CGBSDP STK 6.000	6000 mm	0.0912	0.3379	0.0144	0.0172	0.0131
4500111819	10135563-120	0009645219	0009649307	311232	RECT	4.00X2.00	0.1495	CGBSDP STK 6.000	6000 mm	0.0912	0.3379	0.0144	0.0172	0.0131
4500111819	10135563-130	0009692373	0009736464	311234	RECT	4.00X3.00	0.1196	CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062
4500111819	10135563-130	0009692373	0009736416	311234	RECT	4.00X3.00	0.1196	CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062
4500111819	10135563-130	0009692373	0009736409	311234	RECT	4.00X3.00	0.1196	CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL			PROPIEDADES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION (%)				
4500111819	10135563-20	0009265698	0009634542	50	45	33	24		433437	Made in Mexico	
4500111819	10135563-20	0009265698	0009634584	50	45	33	24		433437	Made in Mexico	
4500111819	10135563-110	0009193943	0009719863	77	64	54	28	A500 Grado B	144163	Made in Mexico	
4500111819	10135563-110	0009241150	0009719863	78	66	53	31	A500 Grado B	144667	Made in Mexico	
4500111819	10135563-110	0009227796	0009719886	79	65	55	23	A500 Grado B	144163	Made in Mexico	
4500111819	10135563-110	0009227796	0009719874	79	65	55	23	A500 Grado B	144163	Made in Mexico	
4500111819	10135563-110	0009241155	0009719841	79	72	65	23	A500 Grado B	144667	Made in Mexico	
4500111819	10135563-110	0009241155	0009719850	79	72	65	23	A500 Grado B	144667	Made in Mexico	
4500111819	10135563-110	0009227796	0009719868	79	65	55	23	A500 Grado B	144163	Made in Mexico	
4500111819	10135563-120	0009645219	0009649351	77	64	54	27	A500 Grado B	444450	Made in Mexico	
4500111819	10135563-120	0009645219	0009649307	77	64	54	27	A500 Grado B	444450	Made in Mexico	
4500111819	10135563-130	0009692373	0009736464	75	62	50	29	A500 Grado B	248728	Made in Mexico	
4500111819	10135563-130	0009692373	0009736416	75	62	50	29	A500 Grado B	248728	Made in Mexico	
4500111819	10135563-130	0009692373	0009736409	75	62	50	29	A500 Grado B	248728	Made in Mexico	



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		FECHA / DATE
		10/07/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS				
							%C	%Mn	%P	%S	%SI
450011819	10135563-130	0009692373	0009736439	311234	RECT 4.00X3.00 0.1196 CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062
450011819	10135563-130	0009692373	0009736458	311234	RECT 4.00X3.00 0.1196 CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062
450011819	10135563-130	0009692373	0009736460	311234	RECT 4.00X3.00 0.1196 CGBSDP STK 6.000	6000 mm	0.0880	0.3084	0.0205	0.0143	0.0062
450011819	10135563-140	0009605147	0009684438	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0700	0.6810	0.0070	0.0060	
450011819	10135563-140	0009735428	0009745196	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0859	0.3275	0.0190	0.0154	0.0054
450011819	10135563-140	0009735428	0009745182	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0859	0.3275	0.0190	0.0154	0.0054
450011819	10135563-140	0009735428	0009745189	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0859	0.3275	0.0190	0.0154	0.0054
450011819	10135563-140	0009735428	0009745184	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0859	0.3275	0.0190	0.0154	0.0054
450011819	10135563-170	0009671175	0009743419	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
450011819	10135563-170	0009671175	0009743402	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
450011819	10135563-170	0009671175	0009743403	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
450011819	10135563-170	0009671175	0009743421	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
450011819	10135563-170	0009671175	0009743467	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
450011819	10135563-170	0009671175	0009743470	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL		PROPERTIES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION (%)			
450011819	10135563-130	0009692373	0009736439	75	62	50	29	A500 Grado B	248728	Made in Mexico
450011819	10135563-130	0009692373	0009736458	75	62	50	29	A500 Grado B	248728	Made in Mexico
450011819	10135563-130	0009692373	0009736460	75	62	50	29	A500 Grado B	248728	Made in Mexico
450011819	10135563-140	0009605147	0009684438	79	66	56	29	A500 Grado B	55230	Made in Mexico
450011819	10135563-140	0009735428	0009745196	75	63	53	28	A500 Grado B	445065	Made in Mexico
450011819	10135563-140	0009735428	0009745182	75	63	53	28	A500 Grado B	445065	Made in Mexico
450011819	10135563-140	0009735428	0009745189	75	63	53	28	A500 Grado B	445065	Made in Mexico
450011819	10135563-140	0009735428	0009745184	75	63	53	28	A500 Grado B	445065	Made in Mexico
450011819	10135563-170	0009671175	0009743419	50	45	33	24	A513	444564	Made in Mexico
450011819	10135563-170	0009671175	0009743402	50	45	33	24	A513	444564	Made in Mexico
450011819	10135563-170	0009671175	0009743403	50	45	33	24	A513	444564	Made in Mexico
450011819	10135563-170	0009671175	0009743421	50	45	33	24	A513	444564	Made in Mexico
450011819	10135563-170	0009671175	0009743467	50	45	33	24	A513	444564	Made in Mexico
450011819	10135563-170	0009671175	0009743470	50	45	33	24	A513	444564	Made in Mexico



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		10/07/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS				
							%C	%Mn	%P	%S	%Si
4500111819	10135563-170	0009671175	0009743529	311206	CUAD 2.000 0.0747 CCCSDN STK 6.000	6000 mm	0.0883	0.3594	0.0157	0.0136	0.0062
4500111819	10135563-190	0009637850	0009664896	300364	RED 1.050 0.0747 CCCSDN STK C30 6.096	6096 mm	0.1000	0.3917	0.0130	0.0129	0.0300
4500111819	10135563-190	0009637850	0009664905	300364	RED 1.050 0.0747 CCCSDN STK C30 6.096	6096 mm	0.1000	0.3917	0.0130	0.0129	0.0300
4500111819	10135563-190	0009637850	0009664839	300364	RED 1.050 0.0747 CCCSDN STK C30 6.096	6096 mm	0.1000	0.3917	0.0130	0.0129	0.0300
4500111819	10135563-190	0009637850	0009664814	300364	RED 1.050 0.0747 CCCSDN STK C30 6.096	6096 mm	0.1000	0.3917	0.0130	0.0129	0.0300
4500111819	10135563-190	0009637848	0009664562	300364	RED 1.050 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0857	0.3175	0.0191	0.0200	0.0074

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/		MECHANICAL	PROPIEDADES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)				
4500111819	10135563-170	0009671175	0009743529	50	45	33	24	A513	444564	Made in Mexico	
4500111819	10135563-190	0009637850	0009664896	50	45	33	24	A513	247718	Made in Mexico	
4500111819	10135563-190	0009637850	0009664905	50	45	33	24	A513	247718	Made in Mexico	
4500111819	10135563-190	0009637850	0009664839	50	45	33	24	A513	247718	Made in Mexico	
4500111819	10135563-190	0009637850	0009664814	50	45	33	24	A513	247718	Made in Mexico	
4500111819	10135563-190	0009637848	0009664562	50	45	33	24	A513	247710	Made in Mexico	