



CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO

Aceromex, S.A. de C.V.
 Vía José López Portillo No. 12 Bis
 San Francisco Chilpan
 Tultitlan MEX C.P. 54900

DESTINATARIO/SHIP TO

Aceromex, S.A. de C.V.
 Vía José López Portillo No. 12 Bis
 San Francisco Chilpan
 Tultitlan MEX C.P. 54900

FACTURA/INVOICE
 306429

FECHA/DATE
 07/26/2016

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
4500155878	10189492-200	0011793213	0012070690	300339	CUAD 3.500 0.1880 CGBSDP STK 6.096	6096 mm	0.1400	0.9500	0.0190	0.0040	0.0190
4500155878	10189492-200	0011793213	0012070694	300339	CUAD 3.500 0.1880 CGBSDP STK 6.096	6096 mm	0.1400	0.9500	0.0190	0.0040	0.0190
4500155878	10189492-260	0011880703	0012160184	311231	RECT 4.00X2.00 0.1196 CGSDP STK 6.000	6000 mm	0.0880	0.3210	0.0070	0.0030	0.0120
4500155878	10189492-260	0011880703	0012160195	311231	RECT 4.00X2.00 0.1196 CGSDP STK 6.000	6000 mm	0.0880	0.3210	0.0070	0.0030	0.0120
4500155878	10189492-260	0011880703	0012160190	311231	RECT 4.00X2.00 0.1196 CGSDP STK 6.000	6000 mm	0.0880	0.3210	0.0070	0.0030	0.0120
4500155878	10189492-260	0011880703	0012160199	311231	RECT 4.00X2.00 0.1196 CGSDP STK 6.000	6000 mm	0.0880	0.3210	0.0070	0.0030	0.0120
4500155878	10189492-260	0011880703	0012160218	311231	RECT 4.00X2.00 0.1196 CGSDP STK 6.000	6000 mm	0.0880	0.3210	0.0070	0.0030	0.0120
4500155878	10189492-290	0012099961	0012213535	311233	RECT 4.00X3.00 0.0747 CCCSDP STK 6.000	6000 mm	0.0940	0.3700	0.0110	0.0090	0.0070
4500155878	10189492-290	0012099961	0012213522	311233	RECT 4.00X3.00 0.0747 CCCSDP STK 6.000	6000 mm	0.0940	0.3700	0.0110	0.0090	0.0070
4500155878	10189492-290	0012099961	0012213544	311233	RECT 4.00X3.00 0.0747 CCCSDP STK 6.000	6000 mm	0.0940	0.3700	0.0110	0.0090	0.0070
4500155878	10189492-170	0011973690	0012202492	306202	CUAD# 2.000## 0.2500 CGSDP STK# 6.096	6096 mm	0.1500	1.0000	0.0190	0.0090	0.0050
4500155878	10189492-170	0011973690	0012202411	306202	CUAD# 2.000## 0.2500 CGSDP STK# 6.096	6096 mm	0.1500	1.0000	0.0190	0.0090	0.0050
4500155878	10189492-230	0011894316	0012018924	300343	RECT 3.00X2.00 0.1880 CGSDP STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150
4500155878	10189492-230	0011894316	0012018943	300343	RECT 3.00X2.00 0.1880 CGSDP STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDECIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)	ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO / MADE
4500155878	10189492-200	0011793213	0012070690	82	65	58	27	A500 Grado B	162505	Made in Mexico
4500155878	10189492-200	0011793213	0012070694	82	65	58	27	A500 Grado B	162505	Made in Mexico
4500155878	10189492-260	0011880703	0012160184	75	60	50	30	A500 Grado B	1610644012	Made in Mexico
4500155878	10189492-260	0011880703	0012160195	75	60	50	30	A500 Grado B	1610644012	Made in Mexico
4500155878	10189492-260	0011880703	0012160190	75	60	50	30	A500 Grado B	1610644012	Made in Mexico
4500155878	10189492-260	0011880703	0012160199	75	60	50	30	A500 Grado B	1610644012	Made in Mexico
4500155878	10189492-260	0011880703	0012160218	75	60	50	30	A500 Grado B	1610644012	Made in Mexico
4500155878	10189492-290	0012099961	0012213535	50	45	33	24	A513	264584	Made in Mexico
4500155878	10189492-290	0012099961	0012213522	50	45	33	24	A513	264584	Made in Mexico
4500155878	10189492-290	0012099961	0012213544	50	45	33	24	A513	264584	Made in Mexico
4500155878	10189492-170	0011973690	0012202492	80	65	58	30	A500 Grado B	163978	Made in Mexico
4500155878	10189492-170	0011973690	0012202411	80	65	58	30	A500 Grado B	163978	Made in Mexico
4500155878	10189492-230	0011894316	0012018924	82	65	58	27	A500 Grado B	263249	Made in Mexico
4500155878	10189492-230	0011894316	0012018943	82	65	58	27	A500 Grado B	263249	Made in Mexico

PERFILES, POLINES Y TUBOS



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O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS				
							%C	%Mn	%P	%S	
4500155878	10189492-230	0011894316	0012018948	300343	RECT 3.00X2.00 0.1880 CGSDPR STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150
4500155878	10189492-230	0011894283	0012020310	300343	RECT 3.00X2.00 0.1880 CGSDPR STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150
4500155878	10189492-230	0011894316	0012018968	300343	RECT 3.00X2.00 0.1880 CGSDPR STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150
4500155878	10189492-230	0011894283	0012020300	300343	RECT 3.00X2.00 0.1880 CGSDPR STK 6.096	6096 mm	0.1600	0.9600	0.0170	0.0040	0.0150
4500155878	10189492-330	0012136672	0012186811	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-330	0012161154	0012186799	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0860	0.3500	0.0170	0.0080	0.0040
4500155878	10189492-330	0012161154	0012186805	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0860	0.3500	0.0170	0.0080	0.0040
4500155878	10189492-330	0012136672	0012186819	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-330	0012136672	0012186866	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-330	0012136672	0012186850	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-330	0012136672	0012186862	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-330	0012136672	0012186843	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0900	0.3400	0.0200	0.0100	0.0040
4500155878	10189492-340	0011908995	0012041889	300355	RECT 6.00X4.00 0.2500 CGSDPR STK 6.096	6096 mm	0.1700	0.9900	0.0190	0.0060	0.0210
4500155878	10189492-340	0011908995	0012041874	300355	RECT 6.00X4.00 0.2500 CGSDPR STK 6.096	6096 mm	0.1700	0.9900	0.0190	0.0060	0.0210

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	DUREZA (HRB)	PROPIEDADES FISICAS/ MECHANICAL			ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
					TENSIL (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
4500155878	10189492-230	0011894316	0012018948	82	65	58	27	A500 Grado B	263249	Made in Mexico
4500155878	10189492-230	0011894283	0012020310	82	65	58	27	A500 Grado B	263249	Made in Mexico
4500155878	10189492-230	0011894316	0012018968	82	65	58	27	A500 Grado B	263249	Made in Mexico
4500155878	10189492-230	0011894283	0012020300	82	65	58	27	A500 Grado B	263249	Made in Mexico
4500155878	10189492-330	0012136672	0012186811	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-330	0012161154	0012186799	50	45	33	24	A513	164935	Made in Mexico
4500155878	10189492-330	0012161154	0012186805	50	45	33	24	A513	164935	Made in Mexico
4500155878	10189492-330	0012136672	0012186819	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-330	0012136672	0012186866	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-330	0012136672	0012186850	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-330	0012136672	0012186862	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-330	0012136672	0012186843	50	45	33	24	A513	164949	Made in Mexico
4500155878	10189492-340	0011908995	0012041889	82	65	58	27	A500 Grado B	461525	Made in Mexico
4500155878	10189492-340	0011908995	0012041874	82	65	58	27	A500 Grado B	461525	Made in Mexico

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Emitted por: Luis de Alvarado
Laboratorio de Calidad



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O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS			%SI
							%C	%Mn	%P	%S
4500155878	10189492-40	0012160668	0012207037	300241	PC 3.00X1.50 0.0747 CCCSDPR STK 6.000	6000 mm	0.0730	0.6000	0.0110	0.0130
4500155878	10189492-40	0012160668	0012207018	300241	PC 3.00X1.50 0.0747 CCCSDPR STK 6.000	6000 mm	0.0730	0.6000	0.0110	0.0130
4500155878	10189492-40	0012126646	0012200738	300241	PC 3.00X1.50 0.0747 CCCSDPR STK 6.000	6000 mm	0.0840	0.6200	0.0160	0.0080
4500155878	10189492-40	0012136374	0012205993	300241	PC 3.00X1.50 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5800	0.0140	0.0110
4500155878	10189492-40	0012136374	0012205997	300241	PC 3.00X1.50 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5800	0.0140	0.0110

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	DUREZA/ (HRB)	PROPIEDADES FISICAS/ TENSILE (ksi)	MECANICAL/ YIELD (ksi)	PROPIERTIES/ ELONGACION(%)	ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
4500155878	10189492-40	0012160668	0012207037	50	45	33	24		360984	Made in Mexico
4500155878	10189492-40	0012160668	0012207018	50	45	33	24		360984	Made in Mexico
4500155878	10189492-40	0012126646	0012200738	50	45	33	24		462240	Made in Mexico
4500155878	10189492-40	0012136374	0012205993	50	45	33	24		462239	Made in Mexico
4500155878	10189492-40	0012136374	0012205997	50	45	33	24		462239	Made in Mexico