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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 | 263264 |
| | | FECHA/DATE 09/05/2015 |

| O.C./ P.O. | PEDIDO/ ORDER | ROLLO/ COIL | LOTE/ PACKAGE | CODIGO/ CODE | DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION | LONGITUD/ LENGTH | ANÁLISIS | | | | |
|---------------|------------------|----------------|------------------|-----------------|---|---------------------|----------|--------|--------|--------|--------|
| | | | | | | | %C | %Mn | %P | %S | %SI |
| 4500130673 | 10161807-130 | 0010621049 | 0010973997 | 306070 | CUAD 2.500 0.2500 CGBSDPR 6.096 | 6096 mm | 0.2000 | 0.8800 | 0.0140 | 0.0040 | |
| 4500130673 | 10161807-130 | 0010621049 | 0010973998 | 306070 | CUAD 2.500 0.2500 CGBSDPR 6.096 | 6096 mm | 0.2000 | 0.8800 | 0.0140 | 0.0040 | |
| 4500130673 | 10161807-330 | 0010946103 | 0010971200 | 300354 | CUAD 5.000 0.2500 CGBSDPR 6.096 | 6096 mm | 0.1590 | 0.9451 | 0.0196 | 0.0100 | 0.0119 |
| 4500130673 | 10161807-330 | 0010946103 | 0010971202 | 300354 | CUAD 5.000 0.2500 CGBSDPR 6.096 | 6096 mm | 0.1590 | 0.9451 | 0.0196 | 0.0100 | 0.0119 |
| 4500130673 | 10161807-131 | 0010621049 | 0010973996 | 306070 | CUAD 2.500 0.2500 CGBSDPR 6.096 | 6096 mm | 0.2000 | 0.8800 | 0.0140 | 0.0040 | |
| 4500130673 | 10161807-150 | 0010955625 | 0010973635 | 311215 | CUAD 2.500 0.1495 CGBSDP 6.000 | 6000 mm | 0.0958 | 0.3340 | 0.0198 | 0.0072 | 0.0120 |
| 4500130673 | 10161807-150 | 0010955625 | 0010973634 | 311215 | CUAD 2.500 0.1495 CGBSDP 6.000 | 6000 mm | 0.0958 | 0.3340 | 0.0198 | 0.0072 | 0.0120 |
| 4500130673 | 10161807-150 | 0010955625 | 0010973677 | 311215 | CUAD 2.500 0.1495 CGBSDP 6.000 | 6000 mm | 0.0958 | 0.3340 | 0.0198 | 0.0072 | 0.0120 |
| 4500130673 | 10161807-150 | 0010955625 | 0010973636 | 311215 | CUAD 2.500 0.1495 CGBSDP 6.000 | 6000 mm | 0.0958 | 0.3340 | 0.0198 | 0.0072 | 0.0120 |
| 4500130673 | 10161807-240 | 0010955627 | 0010979353 | 300528 | RECT 3.00X2.00 0.1495 CGBSDP 6.096 | 6096 mm | 0.1000 | 0.3549 | 0.0124 | 0.0068 | 0.0186 |
| 4500130673 | 10161807-240 | 0010955627 | 0010979355 | 300528 | RECT 3.00X2.00 0.1495 CGBSDP 6.096 | 6096 mm | 0.1000 | 0.3549 | 0.0124 | 0.0068 | 0.0186 |
| 4500132236 | 10163789-10 | 0010311903 | 0010920605 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0560 | 0.3410 | 0.0040 | 0.0020 | 0.0150 |
| 4500132236 | 10163789-10 | 0010673943 | 0010849424 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0783 | 0.5924 | 0.0110 | 0.0163 | 0.0131 |
| 4500132236 | 10163789-10 | 0010311903 | 0010920707 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0560 | 0.3410 | 0.0040 | 0.0020 | 0.0150 |

| O.C./ P.O. | PEDIDO/ ORDER | ROLLO/ COIL | LOTE/ PACKAGE | PROPIEDADES FÍSICAS/ MECHANICAL PROPERTIES | | | ELONGACION/ ELONGATION(%) | ESTANDAR/ STANDAR | COLADA/ HEAT | HECHO / MADE |
|---------------|------------------|----------------|------------------|--|---------------------------|--------------------------|------------------------------|----------------------|-----------------|-----------------|
| | | | | DUREZA/ (HRB) | TENSION/ TENSILE (ksi) | CEDENCIA/ YIELD (ksi) | | | | |
| 4500130673 | 10161807-130 | 0010621049 | 0010973997 | 87 | 82 | 59 | 25 | A500 Grado B | 150329 | Made in Mexico |
| 4500130673 | 10161807-130 | 0010621049 | 0010973998 | 87 | 82 | 59 | 25 | A500 Grado B | 150329 | Made in Mexico |
| 4500130673 | 10161807-330 | 0010946103 | 0010971200 | 80 | 75 | 67 | 25 | A500 Grado B | 156540 | Made in Mexico |
| 4500130673 | 10161807-330 | 0010946103 | 0010971202 | 80 | 75 | 67 | 25 | A500 Grado B | 156540 | Made in Mexico |
| 4500130673 | 10161807-131 | 0010621049 | 0010973996 | 87 | 82 | 59 | 25 | A500 Grado B | 150329 | Made in Mexico |
| 4500130673 | 10161807-150 | 0010955625 | 0010973635 | 75 | 63 | 55 | 30 | A500 Grado B | 256360 | Made in Mexico |
| 4500130673 | 10161807-150 | 0010955625 | 0010973634 | 75 | 63 | 55 | 30 | A500 Grado B | 256360 | Made in Mexico |
| 4500130673 | 10161807-150 | 0010955625 | 0010973677 | 75 | 63 | 55 | 30 | A500 Grado B | 256360 | Made in Mexico |
| 4500130673 | 10161807-150 | 0010955625 | 0010973636 | 75 | 63 | 55 | 30 | A500 Grado B | 256360 | Made in Mexico |
| 4500130673 | 10161807-240 | 0010955627 | 0010979353 | 75 | 65 | 54 | 30 | A500 Grado B | 453914 | Made in Mexico |
| 4500130673 | 10161807-240 | 0010955627 | 0010979355 | 75 | 65 | 54 | 30 | A500 Grado B | 453914 | Made in Mexico |
| 4500132236 | 10163789-10 | 0010311903 | 0010920605 | 50 | 45 | 33 | 24 | | 1503268540 | Made in Mexico |
| 4500132236 | 10163789-10 | 0010673943 | 0010849424 | 50 | 45 | 33 | 24 | | 350362 | Made in Mexico |
| 4500132236 | 10163789-10 | 0010311903 | 0010920707 | 50 | 45 | 33 | 24 | | 1503268540 | Made in Mexico |



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| 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 | 263264 |
| | | FECHA/DATE 09/05/2015 |

| 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 |
| 4500132236 | 10163789-10 | 0010246800 | 0010920707 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0800 | 0.3206 | 0.0127 | 0.0154 | 0.0111 |
| 4500132236 | 10163789-10 | 0010311903 | 0010920619 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0560 | 0.3410 | 0.0040 | 0.0020 | 0.0150 |
| 4500132236 | 10163789-10 | 0010673943 | 0010849426 | 300293 | PC 10.0X2.75 0.1046 CCCSDPR STK 10.000 | 10000 mm | 0.0783 | 0.5924 | 0.0110 | 0.0163 | 0.0131 |
| 4500132236 | 10163789-40 | 0010342831 | 0010926898 | 300265 | PC 12.0X3.50 0.0747 CCCSDPR STK 12.000 | 12000 mm | 0.0839 | 0.6126 | 0.0144 | 0.0076 | 0.0076 |
| 4500132236 | 10163789-40 | 0010342831 | 0010926896 | 300265 | PC 12.0X3.50 0.0747 CCCSDPR STK 12.000 | 12000 mm | 0.0839 | 0.6126 | 0.0144 | 0.0076 | 0.0076 |
| 4500132236 | 10163789-40 | 0010342831 | 0010926909 | 300265 | PC 12.0X3.50 0.0747 CCCSDPR STK 12.000 | 12000 mm | 0.0839 | 0.6126 | 0.0144 | 0.0076 | 0.0076 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977122 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977113 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977089 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977072 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977057 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |
| 4500132236 | 10163789-110 | 0010871374 | 0010977057 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1300 | 0.4700 | 0.0090 | 0.0010 | 0.0760 |
| 4500132236 | 10163789-110 | 0010871374 | 0010977032 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1300 | 0.4700 | 0.0090 | 0.0010 | 0.0760 |
| 4500132236 | 10163789-110 | 0010871372 | 0010977069 | 311204 | CUAD 1.500 0.1196 CGBSDN STK 6.000 | 6000 mm | 0.1400 | 0.4800 | 0.0070 | 0.0040 | 0.0680 |

| 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) | | | |
| 4500132236 | 10163789-10 | 0010246800 | 0010920707 | 50 | 45 | 33 | 24 | 450867 | Made in Mexico |
| 4500132236 | 10163789-10 | 0010311903 | 0010920619 | 50 | 45 | 33 | 24 | 1503268540 | Made in Mexico |
| 4500132236 | 10163789-10 | 0010673943 | 0010849426 | 50 | 45 | 33 | 24 | 350352 | Made in Mexico |
| 4500132236 | 10163789-40 | 0010342831 | 0010926898 | 50 | 45 | 33 | 24 | 152166 | Made in Mexico |
| 4500132236 | 10163789-40 | 0010342831 | 0010926896 | 50 | 45 | 33 | 24 | 152166 | Made in Mexico |
| 4500132236 | 10163789-40 | 0010342831 | 0010926909 | 50 | 45 | 33 | 24 | 152166 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977122 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977113 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977089 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977072 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977057 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871374 | 0010977057 | 75 | 66 | 53 | 30 | A500 Grado B 550576 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871374 | 0010977032 | 75 | 66 | 53 | 30 | A500 Grado B 550576 | Made in Mexico |
| 4500132236 | 10163789-110 | 0010871372 | 0010977069 | 75 | 62 | 53 | 30 | A500 Grado B 150579 | Made in Mexico |