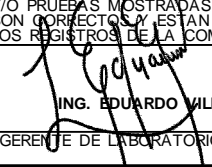




| | | | | | | |
|------------------|--------------------------------------|----------------------|------------|---------------|---|---|
| CLIENTE | PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION | 31.12.2009 | PAGINA | 1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA.  ING. EDUARDO VILLANUEVA GERENTE DE LABORATORIO METALURGICO |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . | | | | | |
| PRODUCTO | Lam.rol.en frío templada rollo | | | | | |

| COMPOSICION QUIMICA | | | | | | | | | | | | | | | |
|---------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|--|
| COLADA | ESPECIFICACION | C | Mn | P | S | Si | Cu | Cr | Ni | Mo | V | Nb (Cb) | Ti | Sn | |
| 198437 | SAE J403 1008 | 0.057 | 0.184 | 0.015 | 0.010 | 0.015 | 0.033 | 0.024 | 0.029 | 0.007 | 0.003 | 0.002 | 0.002 | 0.006 | |
| 198438 | SAE J403 1008 | 0.063 | 0.169 | 0.013 | 0.014 | 0.021 | 0.017 | 0.021 | 0.022 | 0.006 | 0.002 | 0.003 | 0.002 | 0.003 | |
| 491893 | SAE J403 1008 | 0.069 | 0.189 | 0.019 | 0.012 | 0.009 | 0.017 | 0.027 | 0.018 | 0.003 | 0.003 | 0.001 | 0.001 | 0.002 | |
| COLADA | Als N2 | | | | | | | | | | | | | | |
| 198437 | 0.043 0.0038 | | | | | | | | | | | | | | |
| 198438 | 0.020 0.0058 | | | | | | | | | | | | | | |
| 491893 | 0.043 0.0053 | | | | | | | | | | | | | | |

| PRUEBAS AL PRODUCTO | | | |
|---------------------|----------|---------------|--------|
| COLADA | NO.ROLLO | ESPESOR(Plg.) | DUREZA |
| 198437 | 1437081A | 0.0478 | 56(RB) |
| 198437 | 1437079A | 0.0478 | 54(RB) |
| 198438 | 1437080B | 0.0478 | 54(RB) |
| 491893 | 1400049A | 0.0478 | 50(RB) |

| PRODUCTO EMBARCADO | | | | | | | | |
|--------------------|----------|---------------|-------------|------------|---------|------------|-------------|-------|
| COLADA | NO.ROLLO | ESPESOR(Plg.) | ANCHO(Plg.) | PEDIDO | PARTIDA | ENTREGA | PED.CLIENTE | NORMA |
| 198437 | 1437081A | 0.0478 | 48.0000 | 0000108697 | 000080 | 1001270893 | 7305 | AH/5% |
| 198437 | 1437079A | 0.0478 | 48.0000 | 0000108697 | 000080 | 1001270893 | 7305 | AH/5% |
| 198438 | 1437080B | 0.0478 | 48.0000 | 0000108697 | 000080 | 1001270893 | 7305 | AH/5% |
| 491893 | 1400049A | 0.0478 | 48.0000 | 0000108697 | 000080 | 1001270893 | 7305 | AH/5% |

FIN DE DATOS