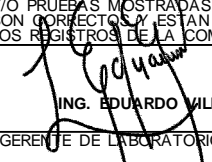




|  |                                    |                    |   |
|--|------------------------------------|--------------------|---|
| <b>CLIENTE</b><br>PLESA ANAHUAC Y CIAS, S.A. DE C.V.     | <b>FECHA EMISION</b><br>31.10.2009 | <b>PAGINA</b><br>1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA.<br><br><b>ING. EDUARDO VILLANUEVA</b><br>GERENTE DE LABORATORIO METALURGICO |
| <b>DIRECCION</b><br>AV. VALLE DE LAS ALAMEDAS No. 66-0 . |                                    |                    |   |
| <b>PRODUCTO</b><br>Vigas                                 |                                    |                    |   |

| COMPOSICION QUIMICA |                    |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|---------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| COLADA              | ESPECIFICACION     | C     | MN    | P     | S     | SI    | CU    | CR    | NI    | MO    | ALT   | V     | NB/CB | TI    |  |
| 196760              | ASTM A-36/A-572-50 | 0.200 | 0.871 | 0.023 | 0.008 | 0.223 | 0.037 | 0.023 | 0.027 | 0.007 | 0.036 | 0.005 | 0.008 | 0.005 |  |
| 196761              | ASTM A-36/A-572-50 | 0.200 | 0.890 | 0.021 | 0.007 | 0.207 | 0.031 | 0.029 | 0.025 | 0.004 | 0.032 | 0.005 | 0.008 | 0.005 |  |
| 196762              | ASTM A-36/A-572-50 | 0.187 | 0.849 | 0.013 | 0.008 | 0.208 | 0.031 | 0.022 | 0.026 | 0.004 | 0.033 | 0.005 | 0.006 | 0.005 |  |
| 491380              | ASTM A-36/A-572-50 | 0.188 | 0.847 | 0.011 | 0.006 | 0.215 | 0.023 | 0.027 | 0.020 | 0.001 | 0.040 | 0.004 | 0.006 | 0.003 |  |

| PRUEBAS AL PRODUCTO |             |              |              |        |
|---------------------|-------------|--------------|--------------|--------|
| COLADA              | NO. PAQUETE | L. ELASTICO  | R. TENSION   | %ELON. |
| 196760              | 260906796A  | 57.283 (KSI) | 78.934 (KSI) | 22 (%) |
| 196760              | 260906797A  | 56.699 (KSI) | 78.924 (KSI) | 23 (%) |
| 196760              | 260906847A  | 57.283 (KSI) | 78.934 (KSI) | 22 (%) |
| 196761              | 260906803A  | 56.447 (KSI) | 79.071 (KSI) | 22 (%) |
| 196761              | 260906804A  | 56.914 (KSI) | 77.549 (KSI) | 24 (%) |
| 196761              | 260906840A  | 56.447 (KSI) | 79.071 (KSI) | 22 (%) |
| 196762              | 260906810A  | 55.764 (KSI) | 78.534 (KSI) | 23 (%) |
| 196762              | 260906811A  | 57.910 (KSI) | 78.154 (KSI) | 22 (%) |
| 196762              | 260906848A  | 55.764 (KSI) | 78.534 (KSI) | 23 (%) |
| 491380              | 260906888A  | 66.411 (KSI) | 79.415 (KSI) | 21 (%) |
| 491380              | 260906889A  | 66.502 (KSI) | 79.615 (KSI) | 22 (%) |

| PRODUCTO EMBARCADO |             |           |                |              |           |              |              |            |         |            |
|--------------------|-------------|-----------|----------------|--------------|-----------|--------------|--------------|------------|---------|------------|
| COLADA             | NO. PAQUETE | NO. PZAS. | PERALTE (Plg.) | PATIN (Plg.) | LARGO (m) | PESO (Kg/mt) | PED. CLIENTE | PEDIDO     | PARTIDA | ENTREGA    |
| 196760             | 260907070A  | 16        | 16.0000        | 7.0000       | 12.2000   | 53.568       | 7172         | 0000108045 | 000120  | 1001249726 |
| 196761             | 260907070A  | 16        | 16.0000        | 7.0000       | 12.2000   | 53.568       | 7172         | 0000108045 | 000120  | 1001249726 |
| 196762             | 260907070A  | 16        | 16.0000        | 7.0000       | 12.2000   | 53.568       | 7172         | 0000108045 | 000120  | 1001249726 |
| 491380             | 260906892A  | 16        | 16.0000        | 7.0000       | 12.2000   | 53.568       | 7172         | 0000108045 | 000120  | 1001249726 |
| 491380             | 260906893A  | 16        | 16.0000        | 7.0000       | 12.2000   | 53.568       | 7172         | 0000108045 | 000120  | 1001249726 |

FIN DE DATOS