



# PERFILES COMERCIALES SIGOSA S.A. DE . C.V.

Calzada Vallejo No. 1361 Local H. Nueva Industrial Vallejo Mexico, D.F. C.P. 07700  
Almacén Matamoros Tel. (868)150-1900 al 29 Fax. (868)150-19-53 y 54

## Certificado de Calidad de Pruebas Físicas y Químicas ( Mill Test Report )

Información del Cliente / Client Information :

PLESA ANAHUAC Y CIAS S.A. DE C.V.

Orden / Order: 51321

Certificado / Certificate: B51191

Fecha / Date: 06/10/2017 11:01 AM

Fecha Impresión / Print Date: 06/10/2017 12:29 PM



| #  | SERIE         | PRODUCTO          | COLADA       | GRADO       | *LE   | *UT   | PE  | LE/UT   | C    | Mn   | Si   | P    | S    | Cu   | Cr   | Ni   | Mo   | Sn   | V    | Nb   | Al   | CEQ  |
|----|---------------|-------------------|--------------|-------------|-------|-------|-----|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| #  | SERIAL        | PRODUCT           | HEAT         | GRADE       | *YS   | *TS   | %EL | (YS/TS) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1  | 2201709223043 | CAN 20ft 6 (8.2)  | 000000162989 | A36/A529-50 | 53700 | 75600 | 33  | 0.71    | .178 | .896 | .194 | .018 | .028 | .335 | .135 | .128 | .026 | .022 | .001 | .003 | .002 | .423 |
| 2  | 2201709223040 | CAN 20ft 6 (8.2)  | 000000162989 | A36/A529-50 | 53700 | 75600 | 33  | 0.71    | .178 | .896 | .194 | .018 | .028 | .335 | .135 | .128 | .026 | .022 | .001 | .003 | .002 | .423 |
| 3  | 2201709223041 | CAN 20ft 6 (8.2)  | 000000162989 | A36/A529-50 | 53700 | 75600 | 33  | 0.71    | .178 | .896 | .194 | .018 | .028 | .335 | .135 | .128 | .026 | .022 | .001 | .003 | .002 | .423 |
| 4  | 2201709223042 | CAN 20ft 6 (8.2)  | 000000162989 | A36/A529-50 | 53700 | 75600 | 33  | 0.71    | .178 | .896 | .194 | .018 | .028 | .335 | .135 | .128 | .026 | .022 | .001 | .003 | .002 | .423 |
| 5  | 2201709223046 | CAN 20ft 6 (8.2)  | 000000162989 | A36/A529-50 | 53700 | 75600 | 33  | 0.71    | .178 | .896 | .194 | .018 | .028 | .335 | .135 | .128 | .026 | .022 | .001 | .003 | .002 | .423 |
| 6  | 2201709231009 | CAN 20ft 6 (8.2)  | 000000162990 | A36/A529-50 | 56500 | 78800 | 31  | 0.72    | .182 | .873 | .183 | .016 | .027 | .303 | .127 | .123 | .022 | .019 | .001 | .003 | .002 | .416 |
| 7  | 2201709231001 | CAN 20ft 6 (8.2)  | 000000162990 | A36/A529-50 | 56500 | 78800 | 31  | 0.72    | .182 | .873 | .183 | .016 | .027 | .303 | .127 | .123 | .022 | .019 | .001 | .003 | .002 | .416 |
| 8  | 2201709231013 | CAN 20ft 6 (8.2)  | 000000162990 | A36/A529-50 | 56500 | 78800 | 31  | 0.72    | .182 | .873 | .183 | .016 | .027 | .303 | .127 | .123 | .022 | .019 | .001 | .003 | .002 | .416 |
| 9  | 2201709231027 | CAN 20ft 6 (8.2)  | 000000172110 | A36/A529-50 | 55100 | 78000 | 32  | 0.71    | .196 | .868 | .232 | .014 | .023 | .314 | .09  | .128 | .033 | .014 | .001 | .002 | .003 | .434 |
| 10 | 2201709231025 | CAN 20ft 6 (8.2)  | 000000172110 | A36/A529-50 | 55100 | 78000 | 32  | 0.71    | .196 | .868 | .232 | .014 | .023 | .314 | .09  | .128 | .033 | .014 | .001 | .002 | .003 | .434 |
| 11 | 2201709252016 | CAN 6 (10.5) 20ft | 000000172253 | A36/A529-50 | 59800 | 79900 | 32  | 0.75    | .2   | .899 | .179 | .018 | .033 | .423 | .055 | .15  | .034 | .019 | .001 | .002 | .005 | .436 |
| 12 | 2201709252028 | CAN 6 (10.5) 20ft | 000000172253 | A36/A529-50 | 59800 | 79900 | 32  | 0.75    | .2   | .899 | .179 | .018 | .033 | .423 | .055 | .15  | .034 | .019 | .001 | .002 | .005 | .436 |
| 13 | 2201709252019 | CAN 6 (10.5) 20ft | 000000172253 | A36/A529-50 | 59800 | 79900 | 32  | 0.75    | .2   | .899 | .179 | .018 | .033 | .423 | .055 | .15  | .034 | .019 | .001 | .002 | .005 | .436 |
| 14 | 2201709252029 | CAN 6 (10.5) 20ft | 000000172253 | A36/A529-50 | 59800 | 79900 | 32  | 0.75    | .2   | .899 | .179 | .018 | .033 | .423 | .055 | .15  | .034 | .019 | .001 | .002 | .005 | .436 |
| 15 | 2201709252018 | CAN 6 (10.5) 20ft | 000000172253 | A36/A529-50 | 59800 | 79900 | 32  | 0.75    | .2   | .899 | .179 | .018 | .033 | .423 | .055 | .15  | .034 | .019 | .001 | .002 | .005 | .436 |

\*Las unidades expresadas en L.E. y U.T son en PSI. La composición química esta expresada en % en peso.

\*The units expressed in L.E and U.T are in PSI. The chemical composition is expressed in % in weight.

Certificamos que el producto aquí descrito, cumple y ha sido fabricado, muestreado, probado e inspeccionado de acuerdo con los requisitos aplicables de la especificación:

2013: ASME SA36; ASME SA-6/SA-6M; A36;

2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

We certify that the product above mentioned accomplishes and has been manufactured, sampled, tested and inspected in accordance with applicable requirements of specifications:

2013: ASME SA36; ASME SA-6/SA-6M; A36;

2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

Gerente de Aseguramiento de Calidad

En SIGOSA SA DE CV nos comprometemos a satisfacer las expectativas y requerimientos de nuestros clientes. Mediante un sistema de Gestión de Calidad, la mejora continua de nuestros productos, el uso eficiente de los recursos, y la participación individual y de equipo de todo su personal.