



# 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 SA DE CV

Orden / Order:39460

Certificado / Certificate: B39374

Fecha / Date:06/02/2016 18:10 PM

Fecha Impresión / Print Date:06/02/2016 18:31 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  | 2201509181002 | CAN 40ft 3 (4.1)  | 000000151877 | A36/A529-50 | 50505 | 72840 | 31  | 0.69    | .169 | .826 | .167 | .01  | .031 | .252 | .092 | .09  | .027 | .014 | .001 | .002 | .001 | .382 |
| 2  | 1201512183006 | ANG 20ft 1x1x3/16 | 000000152445 | A36/A529-50 | 50671 | 71332 | 29  | 0.71    | .162 | .828 | .22  | .009 | .022 | .192 | .062 | .079 | .021 | .01  | .001 | .009 | .003 | .373 |
| 3  | 1201512183007 | ANG 20ft 1x1x3/16 | 000000152445 | A36/A529-50 | 50671 | 71332 | 29  | 0.71    | .162 | .828 | .22  | .009 | .022 | .192 | .062 | .079 | .021 | .01  | .001 | .009 | .003 | .373 |
| 4  | 1201512183008 | ANG 20ft 1x1x3/16 | 000000152445 | A36/A529-50 | 50671 | 71332 | 29  | 0.71    | .162 | .828 | .22  | .009 | .022 | .192 | .062 | .079 | .021 | .01  | .001 | .009 | .003 | .373 |
| 5  | 1201512143021 | ANG 20ft 1x1x1/8  | 000000152559 | A36/A529-50 | 58200 | 77800 | 27  | 0.75    | .161 | .82  | .173 | .016 | .02  | .336 | .14  | .124 | .024 | .014 | .001 | .003 | .002 | .391 |
| 6  | 1201512143020 | ANG 20ft 1x1x1/8  | 000000152559 | A36/A529-50 | 58200 | 77800 | 27  | 0.75    | .161 | .82  | .173 | .016 | .02  | .336 | .14  | .124 | .024 | .014 | .001 | .003 | .002 | .391 |
| 7  | 1201512143023 | ANG 20ft 1x1x1/8  | 000000152559 | A36/A529-50 | 58200 | 77800 | 27  | 0.75    | .161 | .82  | .173 | .016 | .02  | .336 | .14  | .124 | .024 | .014 | .001 | .003 | .002 | .391 |
| 8  | 2201512033005 | CAN 40ft 3 (4.1)  | 000000152638 | A36/A529-50 | 50200 | 72900 | 28  | 0.69    | .17  | .82  | .163 | .008 | .021 | .155 | .049 | .057 | .016 | .01  | .001 | .003 | .002 | .361 |
| 9  | 2201512033004 | CAN 40ft 3 (4.1)  | 000000152638 | A36/A529-50 | 50200 | 72900 | 28  | 0.69    | .17  | .82  | .163 | .008 | .021 | .155 | .049 | .057 | .016 | .01  | .001 | .003 | .002 | .361 |
| 10 | 2201512173031 | SOL 20ft 4x1/2    | 000000152601 | A36/A529-50 | 50400 | 72900 | 36  | 0.69    | .166 | .82  | .18  | .018 | .026 | .113 | .074 | .199 | .036 | .007 | .001 | .003 | .002 | .376 |
| 11 | 2201512173032 | SOL 20ft 4x1/2    | 000000152601 | A36/A529-50 | 50400 | 72900 | 36  | 0.69    | .166 | .82  | .18  | .018 | .026 | .113 | .074 | .199 | .036 | .007 | .001 | .003 | .002 | .376 |
| 12 | 2201512173030 | SOL 20ft 4x1/2    | 000000152601 | A36/A529-50 | 50400 | 72900 | 36  | 0.69    | .166 | .82  | .18  | .018 | .026 | .113 | .074 | .199 | .036 | .007 | .001 | .003 | .002 | .376 |
| 13 | 2201601201024 | ANG 40ft 4x4x3/8  | 000000152645 | A36/A529-50 | 53800 | 76900 | 30  | 0.7     | .177 | .853 | .182 | .013 | .028 | .161 | .054 | .061 | .015 | .008 | .001 | .001 | .002 | .38  |
| 14 | 2201601183011 | ANG 40ft 4x4x0.25 | 000000152648 | A36/A529-50 | 53300 | 73900 | 31  | 0.72    | .161 | .85  | .175 | .013 | .023 | .179 | .099 | .061 | .016 | .009 | .001 | .001 | .002 | .372 |
| 15 | 2201512181017 | SOL 20ft 4x1/2    | 000000152672 | A36/A529-50 | 53500 | 74800 | 28  | 0.72    | .174 | .855 | .186 | .015 | .027 | .166 | .096 | .065 | .016 | .008 | .001 | .003 | .002 | .386 |
| 16 | 2201601223027 | ANG 20ft 4x4x1/2  | 000000160042 | A36/A529-50 | 52800 | 73300 | 29  | 0.72    | .167 | .826 | .175 | .013 | .025 | .193 | .074 | .067 | .022 | .01  | .001 | .001 | .002 | .371 |
| 17 | 2201601223029 | ANG 20ft 4x4x1/2  | 000000160042 | A36/A529-50 | 52800 | 73300 | 29  | 0.72    | .167 | .826 | .175 | .013 | .025 | .193 | .074 | .067 | .022 | .01  | .001 | .001 | .002 | .371 |
| 18 | 2201601223028 | ANG 20ft 4x4x1/2  | 000000160042 | A36/A529-50 | 52800 | 73300 | 29  | 0.72    | .167 | .826 | .175 | .013 | .025 | .193 | .074 | .067 | .022 | .01  | .001 | .001 | .002 | .371 |

\*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:  
ASTM A6/ A6 M-13 a (2014); A529 / A529M; ASME SA-6/SA-6M.

We certify that the product above mentioned accomplishes and has been manufactured, sampled and inspected in accordance with applicable requirements of specifications:  
ASTM A6/ A6 M-13 a (2014); A529 / A529M; ASME SA-6/SA-6M.

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.