



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: 55637

Certificado / Certificate: B55501

Fecha / Date: 02/06/2018 13:09 PM

Fecha Impresión / Print Date: 02/06/2018 13:16 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 | 1201805261022 | ANG 2x2x0.188 20ft | 000000180509 | A36/A529-50 | 54700 | 75500 | 33 | 0.72 | .177 | .849 | .182 | .018 | .025 | .339 | .119 | .108 | .026 | .015 | .001 | .003 | .004 | .408 |
| 2 | 2201804171048 | ANG 20ft 2x2x1/4 | 000000180866 | A36/A529-50 | 54700 | 75400 | 33 | 0.73 | .19 | .876 | .172 | .014 | .027 | .319 | .093 | .169 | .044 | .016 | .001 | .002 | .001 | .425 |
| 3 | 2201804171045 | ANG 20ft 2x2x1/4 | 000000180866 | A36/A529-50 | 54700 | 75400 | 33 | 0.73 | .19 | .876 | .172 | .014 | .027 | .319 | .093 | .169 | .044 | .016 | .001 | .002 | .001 | .425 |
| 4 | 2201804172010 | ANG 20ft 2x2x1/4 | 000000180866 | A36/A529-50 | 54700 | 75400 | 33 | 0.73 | .19 | .876 | .172 | .014 | .027 | .319 | .093 | .169 | .044 | .016 | .001 | .002 | .001 | .425 |
| 5 | 2201804171046 | ANG 20ft 2x2x1/4 | 000000180866 | A36/A529-50 | 54700 | 75400 | 33 | 0.73 | .19 | .876 | .172 | .014 | .027 | .319 | .093 | .169 | .044 | .016 | .001 | .002 | .001 | .425 |
| 6 | 2201804171055 | ANG 20ft 2x2x1/4 | 000000180866 | A36/A529-50 | 54700 | 75400 | 33 | 0.73 | .19 | .876 | .172 | .014 | .027 | .319 | .093 | .169 | .044 | .016 | .001 | .002 | .001 | .425 |
| 7 | 2201804171028 | ANG 20ft 2x2x1/4 | 000000180878 | A36/A529-50 | 53100 | 74200 | 33 | 0.72 | .18 | .846 | .18 | .016 | .022 | .34 | .119 | .089 | .018 | .015 | .001 | .002 | .002 | .407 |
| 8 | 2201804172018 | ANG 20ft 2x2x1/4 | 000000180872 | A36/A529-50 | 59100 | 80000 | 29 | 0.74 | .182 | .871 | .187 | .029 | .023 | .36 | .158 | .143 | .038 | .019 | .001 | .002 | .002 | .431 |
| 9 | 2201804172019 | ANG 20ft 2x2x1/4 | 000000180872 | A36/A529-50 | 59100 | 80000 | 29 | 0.74 | .182 | .871 | .187 | .029 | .023 | .36 | .158 | .143 | .038 | .019 | .001 | .002 | .002 | .431 |
| 10 | 2201804172020 | ANG 20ft 2x2x1/4 | 000000180872 | A36/A529-50 | 59100 | 80000 | 29 | 0.74 | .182 | .871 | .187 | .029 | .023 | .36 | .158 | .143 | .038 | .019 | .001 | .002 | .002 | .431 |
| 11 | 2201804172021 | ANG 20ft 2x2x1/4 | 000000180872 | A36/A529-50 | 59100 | 80000 | 29 | 0.74 | .182 | .871 | .187 | .029 | .023 | .36 | .158 | .143 | .038 | .019 | .001 | .002 | .002 | .431 |
| 12 | 1201805291041 | ANG 2x2x0.188 20ft | 000000180910 | A36/A529-50 | 54300 | 76300 | 31 | 0.71 | .175 | .879 | .199 | .013 | .026 | .353 | .095 | .13 | .035 | .031 | .001 | .003 | .002 | .413 |
| 13 | 1201805291043 | ANG 2x2x0.188 20ft | 000000180910 | A36/A529-50 | 54300 | 76300 | 31 | 0.71 | .175 | .879 | .199 | .013 | .026 | .353 | .095 | .13 | .035 | .031 | .001 | .003 | .002 | .413 |
| 14 | 1201805261086 | ANG 2x2x0.188 20ft | 000000180908 | A36/A529-50 | 55000 | 77400 | 31 | 0.71 | .187 | .879 | .195 | .014 | .026 | .303 | .124 | .14 | .031 | .013 | .001 | .002 | .002 | .427 |
| 15 | 2201805243015 | ANG 3x3x0.25 40ft | 000000181156 | A36/A529-50 | 55800 | 76500 | 32 | 0.73 | .183 | .904 | .167 | .017 | .028 | .338 | .133 | .107 | .023 | .012 | .001 | .003 | .003 | .423 |
| 16 | 2201805243017 | ANG 3x3x0.25 40ft | 000000181156 | A36/A529-50 | 55800 | 76500 | 32 | 0.73 | .183 | .904 | .167 | .017 | .028 | .338 | .133 | .107 | .023 | .012 | .001 | .003 | .003 | .423 |
| 17 | 2201805243012 | ANG 3x3x0.25 40ft | 000000181154 | A36/A529-50 | 51200 | 74500 | 33 | 0.69 | .192 | .87 | .196 | .019 | .024 | .393 | .141 | .102 | .023 | .013 | .001 | .004 | .001 | .436 |
| 18 | 1201805293045 | ANG 2x2x0.188 20ft | 000000181314 | A36/A529-50 | 54700 | 76500 | 30 | 0.72 | .176 | .856 | .196 | .016 | .024 | .283 | .103 | .109 | .015 | .011 | .001 | .001 | .002 | .401 |

*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.