



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 :

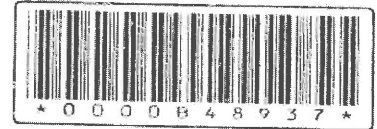
ACEROMEX S.A. DE .C.V.

Orden /Order:49059

Certificado /Certificate: B48937

Fecha / Date:03/06/2017 14:39 PM

Fecha Impresión / Print Date:03/06/2017 15:00 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 | 2201705043014 | SOL 5x0.5 20ft | 000000170192 | A36/A529-50 | 50100 | 75300 | 33 | 0.67 | 188 | 861 | 201 | 015 | 027 | 326 | 107 | 128 | 032 | 014 | 001 | 002 | 006 | 423 |
| 2 | 2201705043015 | SOL 5x0.5 20ft | 000000170192 | A36/A529-50 | 50100 | 75300 | 33 | 0.67 | 188 | 861 | 201 | 015 | 027 | 326 | 107 | 128 | 032 | 014 | 001 | 002 | 006 | 423 |
| 3 | 2201705043017 | SOL 5x0.5 20ft | 000000170192 | A36/A529-50 | 50100 | 75300 | 33 | 0.67 | 188 | 861 | 201 | 015 | 027 | 326 | 107 | 128 | 032 | 014 | 001 | 002 | 006 | 423 |
| 4 | 2201705043012 | SOL 5x0.5 20ft | 000000170192 | A36/A529-50 | 50100 | 75300 | 33 | 0.67 | 188 | 861 | 201 | 015 | 027 | 326 | 107 | 128 | 032 | 014 | 001 | 002 | 006 | 423 |
| 5 | 2201705043019 | SOL 5x0.5 20ft | 000000170192 | A36/A529-50 | 50100 | 75300 | 33 | 0.67 | 188 | 861 | 201 | 015 | 027 | 326 | 107 | 128 | 032 | 014 | 001 | 002 | 006 | 423 |
| 6 | 2201705042042 | SOL 5x1 20ft | 000000170191 | A36/A529-50 | 51000 | 72600 | 33 | 0.7 | 196 | 886 | 193 | 015 | 025 | 278 | 108 | 129 | 046 | 013 | 001 | 002 | 002 | 432 |
| 7 | 2201705042040 | SOL 5x1 20ft | 000000170191 | A36/A529-50 | 51000 | 72600 | 33 | 0.7 | 196 | 886 | 193 | 015 | 025 | 278 | 108 | 129 | 046 | 013 | 001 | 002 | 002 | 432 |
| 8 | 2201705042025 | SOL 5x1 20ft | 000000170191 | A36/A529-50 | 51000 | 72600 | 33 | 0.7 | 196 | 886 | 193 | 015 | 025 | 278 | 108 | 129 | 046 | 013 | 001 | 002 | 002 | 432 |
| 9 | 2201705042033 | SOL 5x1 20ft | 000000170191 | A36/A529-50 | 51000 | 72600 | 33 | 0.7 | 196 | 886 | 193 | 015 | 025 | 278 | 108 | 129 | 046 | 013 | 001 | 002 | 002 | 432 |
| 10 | 2201705051029 | SOL 20ft 5x3/8 | 0000163023RB | A36/A529-50 | 52500 | 77200 | 32 | 0.68 | 187 | 875 | 192 | 02 | 033 | 372 | 137 | 183 | 038 | 016 | 001 | 004 | 005 | 435 |
| 11 | 2201705051033 | SOL 20ft 5x3/8 | 0000163023RB | A36/A529-50 | 52500 | 77200 | 32 | 0.68 | 187 | 875 | 192 | 02 | 033 | 372 | 137 | 183 | 038 | 016 | 001 | 004 | 005 | 435 |
| 12 | 2201705051032 | SOL 20ft 5x3/8 | 0000163023RB | A36/A529-50 | 52500 | 77200 | 32 | 0.68 | 187 | 875 | 192 | 02 | 033 | 372 | 137 | 183 | 038 | 016 | 001 | 004 | 005 | 435 |
| 13 | 2201705161010 | SOL 20ft 1-1/2x12 | 000000171122 | A36/A529-50 | 55600 | 75800 | 32 | 0.73 | 187 | 852 | 17 | 02 | 034 | 367 | 134 | 117 | 029 | 017 | 001 | 001 | 004 | 422 |
| 14 | 2201705161011 | SOL 20ft 1-1/2x12 | 000000171122 | A36/A529-50 | 55600 | 75800 | 32 | 0.73 | 187 | 852 | 17 | 02 | 034 | 367 | 134 | 117 | 029 | 017 | 001 | 001 | 004 | 422 |
| 15 | 2201705161009 | SOL 20ft 1-1/2x12 | 000000171122 | A36/A529-50 | 55600 | 75800 | 32 | 0.73 | 187 | 852 | 17 | 02 | 034 | 367 | 134 | 117 | 029 | 017 | 001 | 001 | 004 | 422 |
| 16 | 2201705161008 | SOL 20ft 1-1/2x12 | 000000171122 | A36/A529-50 | 55600 | 75800 | 32 | 0.73 | 187 | 852 | 17 | 02 | 034 | 367 | 134 | 117 | 029 | 017 | 001 | 001 | 004 | 422 |
| 17 | 2201705231018 | SOL 8x0.5 20ft | 000000171199 | A36/A529-50 | 54200 | 77100 | 31 | 0.7 | 185 | 877 | 192 | 02 | 033 | 372 | 137 | 183 | 038 | 016 | 001 | 004 | 005 | 435 |
| 18 | 2201705231019 | SOL 8x0.5 20ft | 000000171199 | A36/A529-50 | 54200 | 77100 | 31 | 0.7 | 185 | 877 | 192 | 02 | 033 | 372 | 137 | 183 | 038 | 016 | 001 | 004 | 005 | 435 |
| 19 | 2201705232009 | SOL 8x0.5 20ft | 000000171199 | A36/A529-50 | 51900 | 76900 | 34 | 0.67 | 182 | 874 | 179 | 018 | 032 | 346 | 102 | 149 | 034 | 014 | 001 | 003 | 002 | 418 |

*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 aqui 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 Asesoramiento 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.