



MATERIAL TEST REPORT - QUALITY MANAGEMENT SYSTEM
FORZA STEEL - PRODUCTION FACILITY :
 Carretera Salinas Victoria K.m. 2 s/n Salinas Victoria, Nuevo León , México C.P. 65500 Tel: +52 (51) 1958-3780

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| CUSTOMER (Cliente) | | PURCHASE ORDER (Orden de Compra) | | DELIVERY (Remisión) | | DATE (Fecha) | | REFERENCE NUMBER (No. Referencia) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLESA ANAHUAC Y CIAS, S.A DE C.V. | | 30275 | | 5048330 | | 09/22/2020 | | 22092020-14620 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIPE TYPE | FORZA WORK ORDER (OIF) | SIZE (Diámetro) | WALL THICKNESS (Espesor) | HEAT (No. Colada) | SPECIFICATION (Especificación Norma) | GRADE (Grado) | LENGTH (Longitud) | MASS (Peso Unitario) | MASS PER METER (Peso Lineal kg x metros) | HYDROSTATIC TEST (Prueba Hidrostática (psi)) | SPECIAL REQUIREMENTS (Requerimientos especiales) | TUBE NUMBER (No. Piezas) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRODUCT (Tipo de producto) | HSS | OIF 1769 | 10x10 | 0.375 | AC2038 | ASTM A500 | B | 12.20 | 40.03 | 1946.29 | 882.82 | 72.41 | N/A | N/A | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p align="center">Chemical Analyses (Análisis Químico)</p> <table border="1"> <tr> <td>Heat (Colada)</td> <td>C</td> <td>Si</td> <td>Mn</td> <td>P</td> <td>S</td> <td>V</td> <td>Cr</td> <td>Cu</td> <td>Ni</td> <td>Mo</td> <td>Yield Strength (KSI) (Límite elástico)</td> <td>Tensile Strength (KSI) (Última tensión)</td> <td>Tensile Strength (KSI) (Última Tensión)</td> <td>Elongation (%) (Elongación)</td> <td>Pruebas No Destructivas UT N10</td> </tr> <tr> <td>AC2038</td> <td>0.040</td> <td>0.029</td> <td>0.799</td> <td>0.021</td> <td>0.004</td> <td>0.002</td> <td>0.158</td> <td>0.300</td> <td>0.092</td> <td>0.028</td> <td>53.40</td> <td>64.30</td> <td>N/A</td> <td>37</td> <td>N/A</td> </tr> </table> <p align="center">Mechanical Test (Pruebas mecánicas)</p> <table border="1"> <tr> <td>MB</td> <td>W</td> </tr> <tr> <td>Yield Strength (KSI) (Límite elástico)</td> <td>Tensile Strength (KSI) (Última Tensión)</td> </tr> <tr> <td>53.40</td> <td>64.30</td> </tr> </table> <p align="center">Certify By (Autorizo): <i>[Signature]</i></p> | | | | | | | | | | | | | Heat (Colada) | C | Si | Mn | P | S | V | Cr | Cu | Ni | Mo | Yield Strength (KSI) (Límite elástico) | Tensile Strength (KSI) (Última tensión) | Tensile Strength (KSI) (Última Tensión) | Elongation (%) (Elongación) | Pruebas No Destructivas UT N10 | AC2038 | 0.040 | 0.029 | 0.799 | 0.021 | 0.004 | 0.002 | 0.158 | 0.300 | 0.092 | 0.028 | 53.40 | 64.30 | N/A | 37 | N/A | MB | W | Yield Strength (KSI) (Límite elástico) | Tensile Strength (KSI) (Última Tensión) | 53.40 | 64.30 |
| Heat (Colada) | C | Si | Mn | P | S | V | Cr | Cu | Ni | Mo | Yield Strength (KSI) (Límite elástico) | Tensile Strength (KSI) (Última tensión) | Tensile Strength (KSI) (Última Tensión) | Elongation (%) (Elongación) | Pruebas No Destructivas UT N10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC2038 | 0.040 | 0.029 | 0.799 | 0.021 | 0.004 | 0.002 | 0.158 | 0.300 | 0.092 | 0.028 | 53.40 | 64.30 | N/A | 37 | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MB | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 53.40 | 64.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Ing. Edgar Eduardo Olivo Hernández
QUALITY ASSURANCE MANAGER

Forza Steel certifica que los productos descritos en este documento fueron fabricados en cumplimiento con los requerimientos de la especificación descrita, obteniendo resultados satisfactorios en todas sus pruebas e inspecciones incluidas en los planes de calidad de fuerza steel para cumplir con los requerimientos del pedido en referencia.

Forza steel certifies that the products described in this document were manufactured in compliance with the requirements of the specification described, obtaining satisfactory results in all tests and inspections included in the quality plans of Forza Steel to meet the requirements of the order in reference.



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MATERIAL TEST REPORT - QUALITY MANAGEMENT SYSTEM

FORZA STEEL - PRODUCTION FACILITY:

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| Packing List | 0 | Code (Codigo): | FPD-PR-01-06 |
| | | Edition (Edición): | Rev: 4 |
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| PLESA ANAHUAC Y CIAS, S.A DE C.V. | | 30275 | | 5048330 | | 09/22/2020 | | 22092020-14620 | | | | | | | |
| PIPE TYPE PRODUCT (Tipo de producto) | FORZA WORK ORDER (O/F) | SIZE (Diámetro) | WALL THICKNESS (Espesor) | HEAT (No. Colada) | SPECIFICATION (Especificación Norma) | GRADE (Grado) | LENGTH (Longitud) Metros | MASS (Peso Unitario) Lbs | MASS PER METER (Peso Lineal kg x metros) | HYDROSTATIC TEST (Prueba Hidrostática (psi)) | SPECIAL REQUIREMENTS (Requerimientos especiales) | TUBE NUMBER (No. Piezas) | | | |
| HSS | O/F-1769 | 10x10 | 0.375 | AC2038 | ASTM A500 | B | 12.20 | 1946.29 | 72.41 | N/A | N/A | 5 | | | |
| Tube (Lotes) 1769-35-2, 1769-35-6, 1769-35-5, 1769-35-3, 1769-35-4 | | | | | | | | | | | | | | | |
| Chemical Analyses (Análisis Químico) | | | | | | | | | | | | | | | |
| Heat (Colada) | C | SI | Mn | P | S | V | Cr | Cu | NI | Mo | Yield Strength (KSI) (Límite elástico) | Tensile Strength (KSI) (Última tensión) | Tensile Strength (KSI) (Última tensión) | Elongation (%) (Elongación) | Pruebas No Destructivas UT N10 |
| AC2038 | 0.040 | 0.029 | 0.799 | 0.021 | 0.004 | 0.002 | 0.158 | 0.300 | 0.092 | 0.028 | 53.40 | 64.30 | N/A | 37 | N/A |

Certify By (Autorizo)


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