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| CERTIFICADO DE PRUEBAS EN FABRICA | Number / Número 10030606 | Page / Página: 1 / 5 |
| Date / Día: Jun 26, 2010 | | |

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|--|---------------------------------|--|---|---|
| Customer / Cliente: PLESA ANAHUAC Y CIAS. S.A. DE C.V. | | Customer's Order / Orden Cliente - Item N° | Customer's Reference/Referencia del cliente | Manufacturer's Works Order N° / Confirmación de Venta 143265/01 |
| Manufacture Process / Proceso de fabricación. SEAMLESS HOT ROLLED LAMINADO EN CALIENTE SIN COSTURA | | Product Type / Tipo de producto. LINE PIPE SEAMLESS CONDUCCION | | Surface / Superficie. OILED ACEITADO |
| Standard or Specification / Normas o especificaciones. API 5L/ASTM A106/ASME SA106/ASTM A53 | | Steel Grade / Grado de acero. B/X42 PSL1 | | Ends / Extremos. PLAIN END LISO CORTE RECTO |
| Dimensions / Dimensiones. 0.54 X 0.087 INCH 13.70 X 2.20 MM | Schedule / Cédula N/A | Length / Longitud. 19.70 / 21.30 FT 6.00 / 6.50 MTS | Quantity / Cantidad. 40 Pcs/pz | Nominal Weight / Peso Nominal 0.42 LB/FT 0.62 KG/M |

TENSILE TEST / ENSAYOS DE TENSION

| Heat N° Colada N° | Sample N° Muestra N° | Specimen condition Condición de la probeta | | | Specimen dimensions Dimensiones de la probeta | | Test temp Temp. de ensayo | Y.S. | | U.T.S. | | Elongation Alargamiento |
|----------------------|-------------------------|---|--------------|-----|--|----|------------------------------|-------------------------|-------------------------|------------------|-----------|----------------------------|
| | | Ls | Type Tipo | Ori | Size Tamaño | mm | | Unit / Unidad KG/MM2 | Unit / Unidad KG/MM2 | Y.S. / U.T.S. | Req. Max. | |
| 782288 | A7070 | B | Ss | L | 2.15 X 13.60 | | RT | 36.9 | 50.1 | 0.74 | 37.60 | |
| 782288 | A7071 | B | Ss | L | 2.15 X 13.64 | | RT | 37.3 | 50.0 | 0.75 | 35.50 | |
| 782288 | A7072 | B | Ss | L | 2.16 X 13.62 | | RT | 38.0 | 50.6 | 0.75 | 35.80 | |
| 782288 | A7184 | B | Ss | L | 2.18 X 13.62 | | RT | 33.9 | 51.3 | 0.66 | 33.60 | |
| 782288 | A7185 | B | Ss | L | 2.19 X 13.65 | | RT | 34.9 | 51.1 | 0.68 | 34.40 | |
| 782288 | A7186 | B | Ss | L | 2.22 X 13.63 | | RT | 35.9 | 49.4 | 0.73 | 32.40 | |
| 782288 | A7196 | B | Ss | L | 2.22 X 13.63 | | RT | 35.9 | 49.4 | 0.73 | 32.40 | |
| 782288 | A7197 | B | Ss | L | 2.25 X 13.65 | | RT | 35.2 | 49.3 | 0.71 | 33.60 | |
| 782288 | A7218 | B | Ss | L | 2.12 X 13.63 | | RT | 37.2 | 49.3 | 0.76 | 36.60 | |
| 782288 | A7219 | B | Ss | L | 2.13 X 13.64 | | RT | 36.8 | 49.6 | 0.74 | 36.80 | |

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

CONTROL DE CALIDAD

FECHA 28 Junio 2010

FIRMA E. RUIZ

| | | |
|---|---|--|
| Ls: Location of the sample / Localización de la muestra | B: Body / Cuerpo | Ss: Strip specimen / Rectangular |
| L: Longitudinal / Longitudinal | RT: Room Temperature / Temperatura Ambiente | UTS: Ultimate Tensile Strength / Resistencia |
| Obt: Obtained / Obtenido | Y.S.: Yield Strength / Fluencia | LMin: Longitudinal Minimum / Mínimo Longitudinal |
| TMin: Transverse Minimum / Mínimo Transversal | TMax: Transverse Maximum / Máximo Transversal | Min: Minimum / Mínimo |
| | | Ori: Orientation / Orientación |
| | | Req. Max: Maximum Required / Máximo Requerido |
| | | LMax: Longitudinal Maximum / Máximo Longitudinal |

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HARDNESS TEST / ENSAYOS DE DUREZA
SUPERFICIAL HARDNESS / DUREZA SUPERFICIAL

| Heat N° Colada N° | Sample N° Muestra N° | Ls | External / Externa | |
|----------------------|-------------------------|----|----------------------------|-----------------|
| | | | Unit / Unidad: Req.Min: | BHN Req.Max: |
| 782288 | A7070 | B | | 131.6 |
| 782288 | A7071 | B | | 131.7 |
| 782288 | A7072 | B | | 134.4 |
| 782288 | A7184 | B | | 140.0 |
| 782288 | A7185 | B | | 140.1 |
| 782288 | A7186 | B | | 138.7 |
| 782288 | A7196 | B | | 138.7 |
| 782288 | A7197 | B | | 139.4 |
| 782288 | A7218 | B | | 138.4 |
| 782288 | A7219 | B | | 136.1 |

Ls: Location of the sample / Localización de la muestra B: Body / Cuerpo Req: Required / Requerido Min: Minimum / Mínimo
 Max: Maximum / Máximo

TECHNOLOGICAL TEST / ENSAYOS TECNOLÓGICOS

| Heat N° Colada N° | Sample N° Muestra N° | Bend Test Ensayo de Curvado |
|----------------------|-------------------------|--------------------------------|
| 782288 | A7070 | GOOD/BUENO |
| 782288 | A7071 | GOOD/BUENO |
| 782288 | A7072 | GOOD/BUENO |
| 782288 | A7184 | GOOD/BUENO |

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TECHNOLOGICAL TEST / ENSAYOS TECNOLÓGICOS

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|----------------------|-------------------------|--------------------------------|
| 782288 | A7185 | GODD/BUENO |
| 782288 | A7186 | GOOD/BUENO |
| 782288 | A7196 | GOOD/BUENO |
| 782288 | A7197 | GOOD/BUENO |
| 782288 | A7202 | GOOD/BUENO |
| 782288 | A7203 | GOOD/BUENO |
| 782288 | A7204 | GOOD/BUENO |
| 782288 | A7205 | GOOD/BUENO |
| 782288 | A7218 | GOOD/BUENO |
| 782288 | A7219 | GOOD/BUENO |

CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA

| | | Composition % / Composición % | | | | | | | | | |
|-------------------------|---|-------------------------------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
| | | C | Mn | Si | Cr | Mo | S | P | Ni | V | Cu |
| | | X 100 | | | | | X 1000 | | | | |
| Heat Colada | H | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| Sample N° Muestra N° | P | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| 782288 | H | 18 | 70 | 20 | 7 | 2 | 7 | 14 | 11 | 3 | 21 |
| A7070 | P | 15 | 72 | 22 | 7 | 2 | 7 | 14 | 11 | 1 | 22 |
| A7071 | P | 18 | 73 | 23 | 7 | 2 | 7 | 14 | 11 | 1 | 22 |
| A7072 | P | 19 | 75 | 23 | 7 | 2 | 6 | 15 | 11 | 2 | 23 |

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CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA

| | | Composition % / Composición % | | | | | | | | | | | | |
|------------|---|-------------------------------|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|
| | | C | Mn | Si | Cr | Mo | S | P | Ni | V | Cu | | | |
| | | X 100 | | | | | X 1000 | | | | | | | |
| Heat | H | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| Colada | | | | | | | | | | | | | | |
| Sample N° | P | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| Muestra N° | | | | | | | | | | | | | | |
| A7184 | P | 18 | 73 | 21 | 8 | 2 | 6 | 15 | 11 | 2 | 24 | | | |
| A7185 | P | 18 | 73 | 21 | 8 | 2 | 6 | 14 | 11 | 2 | 23 | | | |
| A7186 | P | 18 | 73 | 21 | 8 | 2 | 7 | 15 | 11 | 2 | 24 | | | |
| A7196 | P | 18 | 73 | 21 | 8 | 2 | 7 | 15 | 11 | 2 | 24 | | | |
| A7197 | P | 18 | 73 | 21 | 8 | 2 | 7 | 15 | 11 | 2 | 23 | | | |
| A7202 | P | 18 | 72 | 21 | 8 | 2 | 8 | 14 | 11 | 2 | 23 | | | |
| A7203 | P | 18 | 72 | 21 | 8 | 2 | 7 | 14 | 11 | 1 | 23 | | | |
| A7204 | P | 18 | 72 | 21 | 8 | 2 | 8 | 14 | 11 | 2 | 23 | | | |
| A7205 | P | 19 | 73 | 22 | 8 | 2 | 8 | 14 | 11 | 2 | 23 | | | |
| A7218 | P | 20 | 73 | 23 | 8 | 2 | 7 | 15 | 11 | 2 | 24 | | | |
| A7219 | P | 19 | 74 | 23 | 8 | 2 | 7 | 15 | 11 | 2 | 24 | | | |

H: Heat / Colada P: Product / Producto Max: Maximum / Maximo Min: Minimum / Minimo

SUPPLEMENTARY INFORMATION / INFORMACIÓN SUPLEMENTARIA

NONDESTRUCTIVE TEST EDDY CURRENT ACC TO ASTM E309. WITHOUT OBJECTIONS
 HEAT: TREATMENT NORMALIZED.
 SEAMLESS COLD FINISHED LINE PIPES

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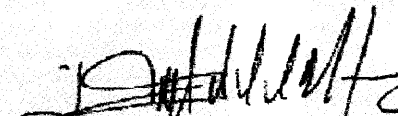
API 5L 2004 43 ED.
 ASTM A 106 .06A2006
 ASME SA 106 2007
 ASTM A 53 2007
 ASME SA 53 2007
 VISUAL AND DIMENSIONAL CONTROL HAS BEEN CARRIED OUT WITH SATISFACTORY RESULT
 STEEL IS FULLY KILLED AND PRODUCED BY ELECTRIC FURNACE TO A FINE GRAIN PRACTICE
 THE PRODUCT SUPPLIED IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE ORDER.
 MANUFACTURED BY TENARIS SILCOTUB.
 TAMSA REF: 987946

This is to certify that the product described here has been manufactured, sampled, tested, and inspected in accordance with purchaser order requirements. This certificate is not a declaration of origin nor may it be used as a declaration of origin.

Por el presente certificamos que el material aquí descrito ha sido fabricado, muestreado, ensayado e inspeccionado de acuerdo a los requisitos de su orden de compra. Este certificado no es, ni puede ser usado, como una declaración de origen.



TENARIS QUALITY DEPARTMENT SIGNATURE


 QUALITY CERTIFICATION DEPT.
 DEPTO. DE CERTIFICACIÓN DE CALIDAD
 DE LA CRUZ MARTINEZ ISRAEL


 CHIEF OF QUALITY CERTIFICATION DEPT.
 RESPONSABLE DEL DEPTO. DE CERTIFICACIÓN DE CALIDAD
 GONZALO TRONCOSO TORRES

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