

CERTIFICADO DE PRUEBAS EN FABRICA

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| Number / Número 09021657 | Page / Página: 1 / 3 |
| Date / Día: Apr 19, 2009 | |

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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 121588/01 | |
| Manufacture Process / Proceso de fabricación. SEAMLESS HOT ROLLED LAMINADO EN CALIENTE SIN COSTURA | | Product Type / Tipo de producto. LINE PIPE SEAMLESS CONDUCCION | | Surface / Superficie. VARNISHED BARNIZADO | | Ends / Extremos. NORMAL BEVEL BISELADO NORMAL | |
| Standard or Specification / Normas o especificaciones. API 5L/ASTM A106/ASME SA106/ASTM A53 | | | | Steel Grade / Grado de acero. B/X42 PSL1 | | Quantity / Cantidad. 1 Pcs/pz | |
| Dimensions / Dimensiones. 24.00 X 0.375 INCH 609.60 X 9.53 MM | | Schedule / Cédula 020 | | Length / Longitud. 26.20 / 38.70 FT 8.00 / 11.80 MTS | | Nominal Weight / Peso Nominal 94.62 LB/FT 140.68 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. Unit / Unidad KG/MM2 | | U.T.S. Unit / Unidad KG/MM2 | | Y.S. / U.T.S. Req. Max. | Elongation Alargamiento % in 2 inches Min.: Obt. % |
|----------------------|-------------------------|---|--------------|-----|----------------|--|----|------------------------------|--|--|-----------------------------------|--|-------------------------------|---|
| | | Ls | Type Tipo | Ori | Size Tamaño | mm | °C | | Required/Requerido TMin: TMax: LMin: LMax: | Required/Requerido TMin: TMax: LMin: LMax: | | | | |
| 988632 | N2552 | B | Ss | L | 38.20 X 10.70 | | RT | 36.6 | 53.3 | 0.69 | 42.70 | | | |

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

TECHNOLOGICAL TEST / ENSAYOS TECNOLÓGICOS

| Heat N° Colada N° | Sample N° Muestra N° | Flattening Test Ensayo de Aplastamiento |
|----------------------|-------------------------|--|
| 988632 | N2552 | GOOD/BUENO |

| | |
|---|---|
| This certificate is issued by a computerized system and it is valid with electronic signature. On the original certificate the trade-mark green colored "Tenaris" is stamped. In case the owner of the original certificate would release a copy of it, he must attest its conformity to the original one taking upon himself the responsibility for any unlawful or not allowed use. Any alteration and/or falsification will be subjected to the law. | Este certificado se emite mediante sistema computarizado y es validado con firma electrónica. El certificado original posee impreso el logo Tenaris color verde. En caso de que el poseedor del certificado entregue una copia, deberá garantizar la conformidad con el original haciéndose responsable por cualquier uso ilegal o indebido. Cualquier alteración y/o falsificación estará sujeta a la ley. |
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CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA

Composition % / Composición %

| | | C | Mn | Si | Cr | Mo | S | P | Ni | V | Cu | Nb | Ti | |
|-------------------------|-------|-------|----|----|----|----|--------|----|----|----|----|----|----|--|
| | | x 100 | | | | | x 1000 | | | | | | | |
| Heat Colada | H Max | | | | | | | | | | | | | |
| | Min | | | | | | | | | | | | | |
| Sample N° Muestra N° | P Max | | | | | | | | | | | | | |
| | Min | | | | | | | | | | | | | |
| 988632 | H | 19 | 95 | 22 | 9 | 4 | 2 | 13 | 11 | 10 | 16 | 2 | 3 | |
| N2552 | P | 17 | 96 | 23 | 8 | 4 | 2 | 13 | 12 | 10 | 15 | 1 | 2 | |
| N2553 | P | 18 | 95 | 23 | 9 | 4 | 2 | 12 | 11 | 10 | 15 | 2 | 2 | |

H: Heat / Colada P: Product / Producto Max: Maximum / Máximo Min: Minimum / Mínimo

SUPPLEMENTARY INFORMATION / INFORMACIÓN SUPLEMENTARIA

MANUFACTURED BY TENARIS DALMINE
 SURFACE: INTERNALLY BARE, EXTERNALLY VARNISHED WITH QUAKERCOAT 854 CLEAR.
 STEEL GRADE: STEEL GR. X42 PSL1 GR. B PSL1, GR. B A/SA 106/53.
 Note 3 is the full description of the Ends'
 ENDS: BEVEL API 5L 44 ED/ISO 3183-07 CTA:8825.
 AFTER INSPECTION OPERATION, THE MATERIAL HAS NOT A RESIDUAL MAGNETISM GREATER THAN 20 GAUSS
 SEAMLESS HOT FINISHED PIPES
 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.
 HYDROSTATIC TEST: 82 BAR, 5 SEC.

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API 5L Year: 2008 Revision Number: 44[^] Revision Year: Ed...
 ASTM A53/A106 Year: 2007
 ASME SA53/SA106 Year: 2007
 TAMSA REF: 875625

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 aqui 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

Quezada

QUALITY CERTIFICATION DEPT.
 DEPT. DE CERTIFICACIÓN DE CALIDAD
 QUEZADA X. CARLOS

Juan Francisco Renato Avila Aldapa

CHIEF OF QUALITY CERTIFICATION DEPT.
 RESPONSABLE DEL DEPT. DE CERTIFICACIÓN DE CALIDAD
 JUAN FRANCISCO RENATO AVILA ALDAPA

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