

**INSPECTION CERTIFICATE 3.1**  
**CERTIFICADO DE INSPECCIÓN 3.1**  
 (EN 10204 3.1: 2004)

Number / Número: 17031774  
 Page / Página: 1 / 6  
 Date / Día: June 14, 2017

|                                                                                                                              |  |                                                                            |  |                                                          |  |                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------------------|--|------------------------------------------------------------------|--|
| Customer / Cliente: PLESA ANAHUAC Y CIAS. S.A. DE C.V.                                                                       |  | Customer's Order Item / Orden Cliente - Item: 25110 ITEM 4                 |  | Customer's Reference / Ref. del Cliente: N/A             |  | Manufacturer's Works Order N° / Confirmación de Venta: 249656/04 |  |
| Manufacturing Process / Proceso de Manufactura: SEAMLESS HOT ROLLED LAMINADO EN CALIENTE SIN COSTURA                         |  | Product Type / Tipo de Producto: SEAMLESS LINE PIPE CONDUCCION SIN COSTURA |  | Surface / Superficie: VARNISHED BARNIZADO                |  | Ends / Extremos: NORMAL BEVEL BISELADO NORMAL                    |  |
| Standard or Specification / Normas o Especificaciones: API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015 |  | Steel Grade / Grado de acero: B/X42-L245/L290 PSL1                         |  | Quantity / Cantidad: 157 Pcs/Pz 3315.289 FT 1010.500 MTS |  | Nominal Weight / Peso Nominal: 33327.307 LB 15117.000 KG         |  |
| Dimensions / Dimensiones: 3.500 X 0.3 INCH 88.9 X 7.6 MM                                                                     |  | Schedule / Cédula: SCH 080 / W.C XS                                        |  | Length / Longitud: 19.69 / 21.33 FT 6.00 / 6.50 MTS      |  |                                                                  |  |

**TENSILE TEST / ENSAYO DE TENSION**

| Heat N°<br>Colada N° | Sample N°<br>Muestra N° | Specimen condition<br>Condición de la probeta |    |              |     | Specimen dimensions<br>Dimensiones de la probeta |                        | Test temp<br>Temp. ensayo<br>°C | Y.S.       |         | U.T.S.          |      | Elongation / Alargamiento |      |          |
|----------------------|-------------------------|-----------------------------------------------|----|--------------|-----|--------------------------------------------------|------------------------|---------------------------------|------------|---------|-----------------|------|---------------------------|------|----------|
|                      |                         | Ls                                            | Sc | Type<br>Tipo | Ori | Size<br>Tamaño<br>mm                             | Area<br>Sección<br>mm2 |                                 | Eul 0.50 % |         | Req. Max.<br>-- | Lo   | Min.                      | Obt. |          |
|                      |                         |                                               |    |              |     |                                                  |                        |                                 | Min: 290   | Max: -- |                 |      |                           |      | Req. 415 |
| 86879                | 60068                   | B                                             | AM | Ss           | L   | 19.65 X 07.39                                    | 146.67                 | RT                              | 352        | 516     | 0.68            | 50.8 | 23.2                      | 36.0 |          |
| 86880                | 60066                   | B                                             | AM | Ss           | L   | 19.36 X 07.52                                    | 147.01                 | RT                              | 346        | 515     | 0.67            | 50.8 | 23.2                      | 36.0 |          |

AM: As manufactured / Según proceso de fabricación  
 B: Body / Cuerpo  
 L: Longitudinal / Longitudinal  
 Lo: Initial length / Longitud inicial

Ls: Location of sample / Ubicación de la muestra  
 Max: Maximum / Máximo  
 Min: Minimum / Mínimo  
 Obt: Obtained / Obtenido

Ori: Orientation / Orientación  
 Req. Max: Required maximum / Máximo requerido  
 Req: Required / Requerido  
 RT: Room temperature / Temperatura ambiente

Sc: Specimen condition / Condición de la probeta  
 Ss: Strip specimen / Muestra rectangular  
 U.T.S: Ultimate tensile strength / Resistencia  
 Y.S: Yield strength / Fluencia

**CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA**

| Heat N°<br>Colada N° | Sample N°<br>Muestra N° | Composition % / Composición % |    |     |    |     |    |        |    |    |    |     |     |         |    |    |       |    |    |        |        |        |    |
|----------------------|-------------------------|-------------------------------|----|-----|----|-----|----|--------|----|----|----|-----|-----|---------|----|----|-------|----|----|--------|--------|--------|----|
|                      |                         | x 100                         |    |     |    |     |    | x 1000 |    |    |    |     |     | x 10000 |    |    | x 100 |    |    |        |        |        |    |
|                      |                         | C                             | Mn | Si  | Mo | Cr  | P  | S      | V  | Nb | Ni | Cu  | Sn  | Al      | Tr | As | B     | Ca | N  | Col. 1 | Col. 2 | Col. 3 |    |
| 86879                | 00001                   | H Max                         | 28 | 120 | -- | 15  | 40 | 30     | 30 | 80 | -- | 400 | 400 | --      | -- | -- | 10    | -- | -- | 15     | 100    | 6      |    |
|                      |                         | H Min                         | -- | 29  | 10 | --  | -- | --     | -- | -- | -- | --  | --  | --      | -- | -- | --    | -- | -- | --     | --     | --     | -- |
| 86879                | 00001                   | P Max                         | 28 | 120 | -- | 15  | 40 | 30     | 30 | 80 | -- | 400 | 400 | --      | -- | -- | 10    | -- | -- | 15     | 100    | 6      |    |
|                      |                         | P Min                         | -- | 29  | 10 | --  | -- | --     | -- | -- | -- | --  | --  | --      | -- | -- | --    | -- | -- | --     | --     | --     | -- |
| 86879                | 00001                   | H                             | 19 | 81  | 18 | 3.1 | 8  | 9      | 2  | 0  | 0  | 60  | 173 | 10      | 21 | 0  | 4     | 0  | 14 | 67     | 0      | 34.4   | 0  |

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.

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|                                                                                                                                     |  |                                                                                   |  |                                                                                           |  |                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|
| Customer / Cliente: <b>PLESA ANAHUAC Y CIAS. S.A. DE C.V.</b>                                                                       |  | Customer's Order Item / Orden Cliente - Item: <b>25110 ITEM 4</b>                 |  | Customer's Reference / Ref. del Cliente: <b>N/A</b>                                       |  | Manufacturer's Works Order N° / Confirmación de Venta: <b>249656/04</b> |  |
| Manufacturing Process / Proceso de Manufactura: <b>SEAMLESS HOT ROLLED LAMINADO EN CALIENTE SIN COSTURA</b>                         |  | Product Type / Tipo de Producto: <b>SEAMLESS LINE PIPE CONDUCCION SIN COSTURA</b> |  | Steel Grade / Grado de acero: <b>B/X42-L245/L290 PSL1</b>                                 |  | Surface / Superficie: <b>VARNISHED BARNIZADO</b>                        |  |
| Standard or Specification / Normas o Especificaciones: <b>API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015</b> |  | Length / Longitud: <b>19.69 / 21.33 FT 6.00 / 6.50 MTS</b>                        |  | Quantity / Cantidad: <b>157 Pcs/Pz 3315.289 FT 1010.500 MTS 33327.307 LB 15117.000 KG</b> |  | Ends / Extremos: <b>NORMAL BEVEL BISELADO NORMAL</b>                    |  |
| Dimensions / Dimensiones: <b>3.500 X 0.3 INCH 88.9 X 7.6 MM</b>                                                                     |  | Schedule / Cédula: <b>SCH 080 / W.C XS</b>                                        |  |                                                                                           |  | Nominal Weight / Peso Nominal: <b>10.26 LB/FT 15.27 KG/M</b>            |  |

**CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA**

| Heat N°<br>Colada N° | Sample N°<br>Muestra N° | P     | Composition % / Composición % |     |    |     |    |        |     |    |    |     |     |    |    |    |    |         |    |    |        |        |        |
|----------------------|-------------------------|-------|-------------------------------|-----|----|-----|----|--------|-----|----|----|-----|-----|----|----|----|----|---------|----|----|--------|--------|--------|
|                      |                         |       | x 100                         |     |    |     |    | x 1000 |     |    |    |     |     |    |    |    |    | x 10000 |    |    | x 100  |        |        |
|                      |                         |       | C                             | Mn  | Si | Mo  | Cr | P      | S   | V  | Nb | Ni  | Cu  | Sn | Al | Ti | As | B       | Ca | N  | Col. 1 | Col. 2 | Col. 3 |
|                      |                         | H Max | 28                            | 120 | -- | 15  | 40 | 30     | 30  | 80 | -- | 400 | 400 | -- | -- | -- | 10 | --      | -- | 15 | 100    | 6      |        |
|                      |                         | Min   | --                            | 29  | 10 | --  | -- | --     | --  | -- | -- | --  | --  | -- | -- | -- | 10 | --      | -- | 15 | 100    | 6      |        |
|                      |                         | P Max | 28                            | 120 | -- | 15  | 40 | 30     | 30  | 80 | -- | 400 | 400 | -- | -- | -- | -- | --      | -- | -- | --     | --     |        |
|                      |                         | Min   | --                            | 29  | 10 | --  | -- | --     | --  | -- | -- | --  | --  | -- | -- | -- | -- | --      | -- | -- | --     | --     |        |
| 86879                | 60068                   | P     | 20                            | 82  | 18 | 2.8 | 7  | 7      | 1.6 | 0  | 0  | 50  | 165 | 9  | 22 | 0  | 4  | 0       | 12 | 65 | 0      | 31.3   | 0      |
| 86879                | 60069                   | P     | 20                            | 83  | 18 | 2.8 | 7  | 8      | 2   | 0  | 0  | 60  | 166 | 10 | 22 | 0  | 4  | 0       | 11 | 70 | 0      | 32.4   | 0      |
| 86880                | 00001                   | H     | 19                            | 82  | 18 | 2.7 | 7  | 8      | 1.7 | 0  | 0  | 60  | 166 | 11 | 21 | 0  | 5  | 0       | 61 | 0  | 32.3   | 0      |        |
| 86880                | 60066                   | P     | 20                            | 83  | 18 | 2.7 | 7  | 8      | 1.5 | 0  | 0  | 60  | 166 | 10 | 22 | 0  | 4  | 0       | 7  | 62 | 0      | 32.3   | 0      |
| 86880                | 60067                   | P     | 19                            | 83  | 17 | 2.6 | 7  | 7      | 1.2 | 0  | 0  | 60  | 162 | 10 | 22 | 0  | 4  | 0       | 7  | 61 | 0      | 31.8   | 0      |

Col. 1: SUMA Nb+V+Ti  
 Col. 2: SUMA Mo+Cr+Ni+Cu+V  
 Col. 3: SUMA Nb+V  
 H: Heat / Colada  
 Max: Maximum / Máximo  
 Min: Minimum / Mínimo  
 P: Product / Producto

**THROUGH WALL HARDNESS / DUREZA EN EL ESPESOR**

| Heat N°<br>Colada N° | Sample N°<br>Muestra N° | Specimen condition | Average / Promedio                    |           |         | Hardness type/Tipo de dureza:HRC | MW    |                 |      |      |      |      |
|----------------------|-------------------------|--------------------|---------------------------------------|-----------|---------|----------------------------------|-------|-----------------|------|------|------|------|
|                      |                         |                    | Min: --                               | Max: 22.0 | Var: -- |                                  | Quad. | Scale<br>Escala | 1    | 2    | 3    | Avg. |
|                      |                         |                    | Required values<br>Valores requeridos |           |         |                                  |       |                 |      |      |      |      |
| 86879                | 60068                   | Ls                 |                                       |           |         | 1                                | HRBW  | 78.0            | 78.2 | 78.1 | 78.1 |      |
| 86879                | 60069                   | B                  |                                       |           |         | 1                                | HRBW  | 77.8            | 77.6 | 77.7 | 77.7 |      |
| 86879                | 60069                   | B                  |                                       |           |         |                                  |       |                 |      |      |      |      |

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| Customer / Cliente: <b>PLESA ANAHUAC Y CIAS. S.A. DE C.V.</b>                                                                          |                                               | Customer's Order Item / Orden Cliente - Item: <b>25110 ITEM 4</b>                        | Customer's Reference / Ref. del Cliente: <b>N/A</b>                                                                                                   | Manufacturer's Works Order N° / Confirmación de Venta: <b>249656/04</b> |
| Manufacturing Process / Proceso de Manufactura:<br><b>SEAMLESS HOT ROLLED<br/>LAMINADO EN CALIENTE SIN COSTURA</b>                     |                                               | Product Type / Tipo de Producto:<br><b>SEAMLESS LINE PIPE<br/>CONDUCCION SIN COSTURA</b> |                                                                                                                                                       | Surface / Superficie:<br><b>VARNISHED<br/>BARNIZADO</b>                 |
| Standard or Specification / Normas o Especificaciones:<br><b>API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015</b> |                                               | Steel Grade / Grado de acero:<br><b>B/X42-L245/L290 PSL1</b>                             |                                                                                                                                                       | Ends / Extremos:<br><b>NORMAL BEVEL<br/>BISELADO NORMAL</b>             |
| Dimensions / Dimensiones:<br><b>3.500 X 0.3 INCH<br/>88.9 X 7.6 MM</b>                                                                 | Schedule / Cédula:<br><b>SCH 080 / W.C XS</b> | Length / Longitud:<br><b>19.69 / 21.33 FT<br/>6.00 / 6.50 MTS</b>                        | Quantity / Cantidad: <b>157 Pcs/Pz</b><br><b>3315.289 FT                      33327.307 LB</b><br><b>1010.500 MTS                    15117.000 KG</b> | Nominal Weight / Peso Nominal:<br><b>10.26 LB/FT<br/>15.27 KG/M</b>     |

**THROUGH WALL HARDNESS / DUREZA EN EL ESPESOR**

| Required values / Valores requeridos |                        | Individuals / Individuales |           |        | Average / Promedio |        |        | Hardness type/Tipo de dureza:HRC |                | MW   |      |      |      |
|--------------------------------------|------------------------|----------------------------|-----------|--------|--------------------|--------|--------|----------------------------------|----------------|------|------|------|------|
|                                      |                        | Min: -                     | Max: 22.0 | Var: - | Min: -             | Max: - | Var: - | Quad.                            | Scale / Escala | 1    | 2    | 3    | Avg. |
| Heat N° / Colada N°                  | Sample N° / Muestra N° | Specimen condition         |           |        | Sc                 |        |        |                                  |                |      |      |      |      |
|                                      |                        | Ls                         |           |        | AM                 |        |        | 1                                | HRBW           | 76.7 | 77.8 | 77.3 | 77.3 |
| 86880                                | 60066                  | B                          |           |        | AM                 |        |        | 1                                | HRBW           | 78.5 | 78.7 | 79.0 | 78.7 |
| 86880                                | 60067                  | B                          |           |        |                    |        |        |                                  |                |      |      |      |      |

AM: As manufactured / Según proceso de fabricación      Ls: Location of sample / Ubicación de la muestra      MW: Middle wall / Centro  
Avg: Average / Promedio      Max: Maximum / Máximo      Quad: Quadrant / Cuadrante  
B: Body / Cuerpo      Min: Minimum / Mínimo      Sc: Specimen condition / Condición de la probeta      Var: Variation / Variación

**FLATTENING TEST / ENSAYO DE APLASTAMIENTO**

| Standard / Norma: / |                        |    |    |                    | Standard / Norma: / |                        |    |    |                    |
|---------------------|------------------------|----|----|--------------------|---------------------|------------------------|----|----|--------------------|
| Heat N° / Colada N° | Sample N° / Muestra N° | Ls | Sc | Result / Resultado | Heat N° / Colada N° | Sample N° / Muestra N° | Ls | Sc | Result / Resultado |
| 86879               | 60069                  | B  | AM | Good / Bueno       | 86880               | 60067                  | B  | AM | Good / Bueno       |

AM: As manufactured / Según proceso de fabricación      B: Body / Cuerpo      Ls: Location of sample / Ubicación de la muestra      Sc: Specimen condition / Condición de la probeta

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|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Customer / Cliente: <b>PLESA ANAHUAC Y CIAS. S.A. DE C.V.</b>                                                                          |                                               | Customer's Order Item / Orden Cliente - Item: <b>25110 ITEM 4</b>                        | Customer's Reference / Ref. del Cliente: <b>N/A</b>                                                                                               | Manufacturer's Works Order N° / Confirmación de Venta: <b>249656/04</b> |
| Manufacturing Process / Proceso de Manufactura:<br><b>SEAMLESS HOT ROLLED<br/>LAMINADO EN CALIENTE SIN COSTURA</b>                     |                                               | Product Type / Tipo de Producto:<br><b>SEAMLESS LINE PIPE<br/>CONDUCCION SIN COSTURA</b> |                                                                                                                                                   | Surface / Superficie:<br><b>VARNISHED<br/>BARNIZADO</b>                 |
| Standard or Specification / Normas o Especificaciones:<br><b>API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015</b> |                                               | Steel Grade / Grado de acero:<br><b>B/X42-L245/L290 PSL1</b>                             |                                                                                                                                                   | Ends / Extremos:<br><b>NORMAL BEVEL<br/>BISELADO NORMAL</b>             |
| Dimensions / Dimensiones:<br><b>3.500 X 0.3 INCH<br/>88.9 X 7.6 MM</b>                                                                 | Schedule / Cédula:<br><b>SCH 080 / W.C XS</b> | Length / Longitud:<br><b>19.69 / 21.33 FT<br/>6.00 / 6.50 MTS</b>                        | Quantity / Cantidad: <b>157 Pcs/Pz</b><br><b>3315.289 FT                      33327.307 LB<br/>1010.500 MTS                      15117.000 KG</b> | Nominal Weight / Peso Nominal:<br><b>10.26 LB/FT<br/>15.27 KG/M</b>     |

**HYDROSTATIC TEST / PRUEBA HIDRÁULICA**

| Pressure / Presión |               | Time / Tiempo      | Results / Resultado          |
|--------------------|---------------|--------------------|------------------------------|
| Unit / Unidad.     | Value / Valor | Seconds / Segundos |                              |
| mpa                | 20.5          | 5                  | Satisfactory / Satisfactorio |

**HEAT TREATMENT / TRATAMIENTO TÉRMICO**

Heat treatment / Tratamiento térmico: **Pipe / Tubo**  
 Quench media of heat treatment process / Medio de enfriamiento del tratamiento térmico: **n/a**  
 Temperature Scale / Escala de Temperatura: **n/a**

|             |                 |
|-------------|-----------------|
| Type / Tipo | <b>asrolled</b> |
|-------------|-----------------|

**SUPPLEMENTARY INFORMATION / INFORMACION SUPLEMENTARIA**

| Supplementary Information / Información Suplementaria                                                                                                                                     |                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufactured by TenarisTamsa<br>Steel making process:<br>Electric Arc Furnace-Ladle Furnace-Continuous Casting Machine.<br>Fully Killed Steel<br>Material free from Mercury contamination | Fabricado por TenarisTamsa<br>Fabricación del acero:<br>Horno de Arco Eléctrico-Horno de Afinación-Máquina de Colada Continua.<br>Acero calmado con aluminio<br>Material libre de contaminación de Mercurio |

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| Customer / Cliente: <b>PLESA ANAHUAC Y CIAS. S.A. DE C.V.</b>                                                                          |                                               | Customer's Order Item / Orden Cliente - Item: <b>2S110 ITEM 4</b>                        | Customer's Reference / Ref. del Cliente: <b>N/A</b>                                                                                                   | Manufacturer's Works Order N° / Confirmación de Venta: <b>249656/04</b> |
| Manufacturing Process / Proceso de Manufactura:<br><b>SEAMLESS HOT ROLLED<br/>LAMINADO EN CALIENTE SIN COSTURA</b>                     |                                               | Product Type / Tipo de Producto:<br><b>SEAMLESS LINE PIPE<br/>CONDUCCION SIN COSTURA</b> |                                                                                                                                                       | Surface / Superficie:<br><b>VARNISHED<br/>BARNIZADO</b>                 |
| Standard or Specification / Normas o Especificaciones:<br><b>API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015</b> |                                               | Steel Grade / Grado de acero:<br><b>B/X42-L245/L290 PSL1</b>                             |                                                                                                                                                       | Ends / Extremos:<br><b>NORMAL BEVEL<br/>BISELADO NORMAL</b>             |
| Dimensions / Dimensiones:<br><b>3.500 X 0.3 INCH<br/>88.9 X 7.6 MM</b>                                                                 | Schedule / Cédula:<br><b>SCH 080 / W.C XS</b> | Length / Longitud:<br><b>19.69 / 21.33 FT<br/>6.00 / 6.50 MTS</b>                        | Quantity / Cantidad: <b>157 Pcs/Pz</b><br><b>3315.289 FT                      33327.307 LB</b><br><b>1010.500 MTS                    15117.000 KG</b> | Nominal Weight / Peso Nominal:<br><b>10.26 LB/FT<br/>15.27 KG/M</b>     |

**SUPPLEMENTARY INFORMATION / INFORMACION SUPLEMENTARIA**

| Supplementary Information<br>Información Suplementaria                                                                                                                                                                                          |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Not repaired by welding<br>Non destructive test. Satisfactory<br>Inspection method<br>- EMI - FLVI - MPI -<br>MATERIAL ACCORDING TO NACE MR0175 / ISO 15156-2, 2009 AND NACE MR0103, 2010 ONLY FOR HARDNESS<br>22 HRC MAX.<br>Tamsa Ref: 879715 | No reparado por soldadura<br>Control no destructivo. Satisfactorio<br>Método de inspección<br>- EMI - FLVI - MPI -<br>MATERIAL DE ACUERDO A NACE MR0175 / ISO 15156-2, 2009 Y NACE MR0103, 2010 SOLO DUREZA MAX. 22<br>HRC<br>Tamsa Ref: 879715 |

**SUMMARY REPORT / REPORTE RESUMEN**

| Heat N°<br>Colada N° | Quantity<br>Cantidad<br>(Pieces) | Length<br>Longitud |        | Weight<br>Peso<br>(Tons) |
|----------------------|----------------------------------|--------------------|--------|--------------------------|
|                      |                                  | (ft)               | (m)    |                          |
| 86879                | 55                               | 1,158.1            | 352.99 | 5.266                    |
| 86880                | 102                              | 2,157.19           | 657.51 | 9.851                    |

| Average length per pipe<br>Longitud promedio por tubo |       | Nominal weight per pipe<br>Peso nominal por tubo |        |
|-------------------------------------------------------|-------|--------------------------------------------------|--------|
| (ft)                                                  | (m)   | (lb/ft)                                          | (kg/m) |
| 21.116                                                | 6.436 | 10.053                                           | 14.96  |

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.

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**INSPECTION CERTIFICATE 3.1**  
**CERTIFICADO DE INSPECCIÓN 3.1**  
 (EN 10204 3.1: 2004)

Number / Número:  
 17031774

Page / Página:  
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Date / Día: June 14, 2017

Customer / Cliente: PLESA ANAHUAC Y CIAS. S.A. DE C.V.

Customer's Order Item / Orden Cliente - Item:  
 2S110 ITEM 4

Customer's Reference / Ref. del Cliente:  
 N/A

Manufacturer's Works Order N° / Confirmación de Venta:  
 249656/04

Manufacturing Process / Proceso de Manufactura:  
 SEAMLESS HOT ROLLED  
 LAMINADO EN CALIENTE SIN COSTURA

Product Type / Tipo de Producto:  
 SEAMLESS LINE PIPE  
 CONDUCCION SIN COSTURA

Surface / Superficie:  
 VARNISHED  
 BARNIZADO

Standard or Specification / Normas o Especificaciones:  
 API 5L ED45/DECEMBER 2012, ASTM A106/15, ASTM A53/12, ASME SA106/2015

Steel Grade / Grado de acero:  
 B/X42-L245/L290 PSL1

Ends / Extremos:  
 NORMAL BEVEL  
 BISELADO NORMAL

Dimensions / Dimensiones:  
 3.500 X 0.3 INCH  
 88.9 X 7.6 MM

Schedule / Cédula:  
 SCH 080 / W.C XS

Length / Longitud:  
 19.69 / 21.33 FT  
 6.00 / 6.50 MTS

Quantity / Cantidad: 157 Pcs/Pz  
 3315.289 FT                      33327.307 LB  
 1010.500 MTS                    15117.000 KG

Nominal Weight / Peso Nominal:  
 10.26 LB/FT  
 15.27 KG/M

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.


**CUSTOMER . THIRD PARTY**

**TENARIS QUALITY DEPARTMENT SIGNATURE**

INSPECTION COMPANY  
 COMPAÑIA DE INSPECCION

NO APLICA  
 Employee Name: N/A

  
 QUALITY CERTIFICATION DEPT.  
 DEPTO. DE CERTIFICACIÓN DE CALIDAD  
 Roberto Carlos Pulido Corte

  
 CHIEF OF QUALITY CERTIFICATION DEPT.  
 RESPONSABLE DEL DEPTO. DE CERTIFICACIÓN DE CALIDAD  
 Angel César Alemán Gil

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