

CERTIFICADO PATRON DE CND

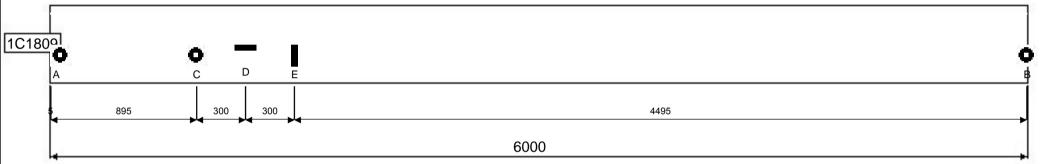
TEND

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

1C1809

| Datos del Producto Product Information | | | | | | | | | |
|--|------|---------------------|--------|-----------------------------------|---------|--|--|--|--|
| Diametro [mm] | 33,4 | Cliente Client | ARAMCO | Ciclo Product | 86855 | | | | |
| Espesor [mm] Wall Thickness | 6,4 | Tratamiento Termico | NO | Colada _{Heat} | 29138 | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5793807 | | | | |



Valores Pedidos / Requested Values

Valores Medidos / Measured Values

| Posicion Position | Tipo de Notch Notch Type | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] Depth | Tolerancia [%] Tolerance | Profundidad Maxima [mm] Max Depth | Profundidad Minima [mm] Min Depth | Profundidad Nominal [mm] Nom Depth | Longitud Maxima [mm] Max Length | Longitud [mm] Length | Profundida d A [mm] Depth A | Profundida d B [mm] Depth B | Ancho / Diam [mm] Width / Diam | Responsable Responsible | Fecha Date |
|----------------------|--------------------------------------|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| Α | Agujero Pasante Drilled hole | 2,20 | - | - | - | - | - | - | - | - | - | 2,20 | Daniel Carcacha | 07/05/08 |
| | Agujero Pasante Drilled hole | 2,20 | - | - | - | - | - | - | 1 | - | ı | 2,20 | Daniel Carcacha | 07/05/08 |
| С | Agujero Pasante Drilled hole | 1,60 | - | - | - | - | - | - | • | - | ı | 1,60 | Daniel Carcacha | 07/05/08 |
| D | Longitudinal Externo longitudinal OD | 1,00 | 10 | ±15 | 0,736 | 0,544 | 0,640 | 50,80 | 46,90 | 0,677 | 0,655 | 0,85 | Daniel Carcacha | 07/05/08 |
| Е | Transversal Externo Transverse OD | 1,00 | 10 | ±15 | 0,736 | 0,544 | 0,640 | 50,80 | 26,50 | 0,658 | 0,644 | 0,84 | Daniel Carcacha | 07/05/08 |

Notas:

1.-Todas las dimensiones son en milimetros excepto que se indique lo contrario.

2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

CERTIFICADO CON REPLICA SI

Notes:

- 1.-All dimensions in milimeters unless stated.
- 2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA YES

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TEND

NDT Reference Standard Certificate

Tubo patrón número 1C1809

| Datos del Producto Product Information | | | | | | | | |
|--|------|---------------------|--------|-----------------------------------|---------|--|--|--|
| Diametro [mm] Diameter | 33,4 | Cliente Client | ARAMCO | Ciclo Product | 86855 | | | |
| Espesor [mm] Wall Thickness | 6,4 | Tratamiento Termico | NO | Colada _{Heat} | 29138 | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5793807 | | | |

Instrumentos de Medicion Utilizados:

Proyector de Perfiles Mitutoyo PJ-A3000 Codigo: 302-711A

Calibre Pie de Rey Codigo:

Notas:

1.-Todas las dimensiones son en milimetros excepto que se indique lo contrario.

2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

CERTIFICADO CON REPLICA SI

Notes:

1.-All dimensions in milimeters unless stated.

2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA YES