

## CERTIFICADO PATRON DE CND

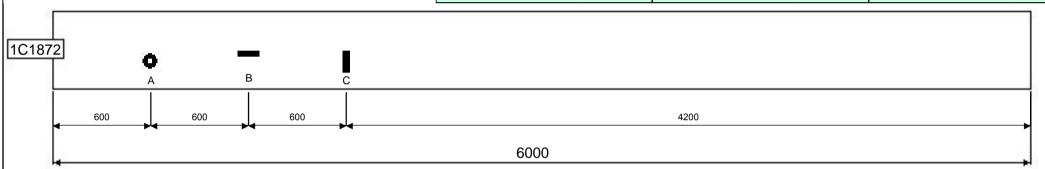
**TEND** 

NDT Reference Standard Certificate



1C1872

| Datos del Producto Product Information |       |                                       |                    |                                   |       |  |  |  |  |
|--|-------|---------------------------------------|--------------------|-----------------------------------|-------|--|--|--|--|
| Diametro [mm] Diameter                 | 114,3 | Cliente<br>Client                     | HAYAN<br>PETROLEUM | Ciclo<br>Product                  | 70775 |  |  |  |  |
| Espesor [mm]<br>Wall Thickness         | 11    | Tratamiento Termico<br>Heat Treatment | SI                 | Colada<br><sub>Heat</sub>         | 35104 |  |  |  |  |
| Trazabilidad<br>Traceability           | 0     |                                       |                    | Expediente<br>Manufacturing Order |       |  |  |  |  |



Valores Pedidos / Requested Values

Valores Medidos / Measured Values

| Posicion<br>Position | Tipo de Notch<br>Notch Type          | Ancho / Diam<br>Max [mm]<br>Max Width / Diam | Profundidad<br>Nominal [%]<br>Depth | Tolerancia<br>[%]<br>Tolerance | Profundidad<br>Maxima [mm]<br>Max Depth | Profundidad<br>Minima [mm]<br>Min Depth | Profundidad<br>Nominal [mm]<br>Nom Depth | Longitud<br>Maxima<br>[mm]<br>Max Length | Longitud<br>[mm]<br>Length | Profundida<br>d A [mm]<br>Depth A | Profundida<br>d B [mm]<br>Depth B | Ancho / Diam<br>[mm]<br>Width / Diam | Responsable<br>Responsible | Fecha<br>Date |
|----------------------|--------------------------------------|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| Α                    | Agujero Pasante Drilled hole         | 2,20   | -                                   | -                              | -                                       | -                                       | -  | -  | -                          | -                                 | -                                 | 2,20                                 | Dante Antunez              | 26/02/09      |
| В                    | Longitudinal Externo longitudinal OD | 1,00   | 5                                   | ±15                            | 0,633                                   | 0,468                                   | 0,550                                    | 50,80                                    | 48,30                      | 0,593                             | 0,597                             | 0,00                                 | Dante Antunez              | 26/02/09      |
| С                    | Transversal Externo Transverse OD    | 1,00   | 5                                   | ±15                            | 0,633                                   | 0,468                                   | 0,550                                    | 50,80                                    | 42,50                      | 0,620                             | 0,617                             | 0,94                                 | Dante Antunez              | 26/02/09      |

Instrumentos de Medicion Utilizados:

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

## 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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