

INFORME DE EXAMEN POR ULTRASONIDOS

ULTRASONIC EXAMINATION REPORT

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|------------------------------|--------------------------|-----------------|--------|
| Informe Nº: Report Nº: | UT.21.031.20.254 | Rev: | 01 |
| Fecha examen: Exam. Date: | 04-06-2021 | Hoja: Sheet: | 1 de 2 |
| Cliente: Customer: | HIERROS MARCELINO FRANCO | | |

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|---|---|-------------------------------------|-----------------------------|---------------|--------|---------------------------------|-------|
| Dirección Cliente: Customer Address: | AVDA.CONDE GUADALHORCE Nº131- AVILES | Lugar examen: Examination place: | HIERROS MARCELINO FRANCO | Obra: Job: | ONIRAM | Nº Contrato: Purchase Order: | ----- |
|---|---|-------------------------------------|-----------------------------|---------------|--------|---------------------------------|-------|

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|---------------------------------|-----------------|-------------------------------------|--------------|---|-----|--|-------|--------------------------|-----|
| Proc. Examen: Ex. procedure: | EC-UT-EN-MAT-04 | Cód. Aceptación: Acep. Standard: | UNE-EN 10160 | Nivel / Técnica examen: Exam. Level / technique: | N/A | Nivel aceptación: Acceptance level: | S3+E4 | Extensión: Extension: | N/A |
|---------------------------------|-----------------|-------------------------------------|--------------|---|-----|--|-------|--------------------------|-----|

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|---|----------------------|--------------------|-----|------------------------|-------------------|--------------|-----|--------------------------|-------|
| Ref. item examinado: Examined item ref.: | S/CROQUIS ADJUNTO | Plano: Drawing: | N/D | Material: Material: | CHAPAS S/ANEXO | PPI: Ipp: | N/A | Operación: Operation: | ----- |
|---|----------------------|--------------------|-----|------------------------|-------------------|--------------|-----|--------------------------|-------|

| | | | | | | |
|-------------------------|--------------------------------------|---------------------------------|---|---|---|--|
| Plaqueado: Cladding: | Si / Yes : Espesor / Thk: No / No | Trat. Térmico Heat treatment | Sin TT / No HT Antes / Before Después / After | Estado superficial: Surface condition: | <input checked="" type="checkbox"/> Bruto / As made <input type="checkbox"/> Amolado / Grinded | <input type="checkbox"/> Mecanizado / Machined |
|-------------------------|--------------------------------------|---------------------------------|---|---|---|--|

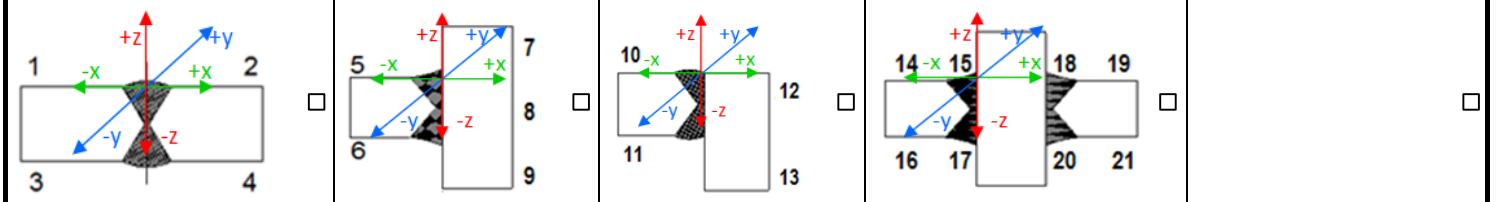
| | | | | | | | | |
|---|-----------------------|-------------------------------|-----------------|-------------------------|------|--|--------------|-----|
| Equipo de ensayo: Test equipment used: | KRAUTKRAMER USM-35 | Cable usado: Search units: | COAXIAL 1,5M | Acoplante: Coupling: | AGUA | Bloque de calibración: Calibration Block: | CB1: CB2: | V1: |
|---|-----------------------|-------------------------------|-----------------|-------------------------|------|--|--------------|-----|

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|---|---|---|---|---|---|
| Verificación punto salida del haz: Ultrasonic outgoing point verification: | <input checked="" type="checkbox"/> Aceptada / Accepted <input type="checkbox"/> Corregida / Corrected | Verificación ángulo del palpador: Transducer angle verification: | <input checked="" type="checkbox"/> Aceptada / Accepted <input type="checkbox"/> Corregida / Corrected | Calibración distancias/ velocidades: Distance / speed calibration: | <input checked="" type="checkbox"/> Aceptada / accepted <input type="checkbox"/> Corregida / Corrected |
|---|---|---|---|---|---|

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|---|------------------|---|----------------------|
| Método Ajuste sensibilidad: Sensitivity adjustment method: | TECHNICAL DAC | Bloque de referencia: Reference block: | RB1: RB2: RB3: |
|---|------------------|---|----------------------|

| Nº | Palpador (n/s) Transducer (s/n) | Wedge: Suela: | Ángulo Angle | Freq. (MHz) Freq. (MHz) | Tamaño (mm) Size (mm) | Reflector / Bloque Ref. Reflector / Ref. Block | Ganancia Referencia (dB) Reference Gain (dB) | Ganancia Escaneo(dB) Scan Gain (dB) | Rango (mm) Range(mm) |
|----|------------------------------------|------------------|-----------------|----------------------------|--------------------------|---|---|--|-------------------------|
| 1 | MSEB4T | INTEGRADA | 0º | 4 | 20 | 5mm | 35 | 35+6 | 80 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

Geometría de pieza a ensayar y posiciones de escaneo / Tested part geometry & scan positions



Cróquis / Sketch

VER HOJAS ANEXAS

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|-------------------|--|---------------------|--|--|
| Otros: Others: | Inspector Autorizado: Authorized inspector: | Cliente Customer | Calificador Eurocontrol: Eurocontrol Qualifier: | Operador Eurocontrol: Eurocontrol Operator: |
| | | | SEBASTIAN MATA Nivel / Level: II | SEBASTIAN MATA Nivel / Level: II |
| Fecha Date | Fecha Date | Fecha Date | Fecha Informe: Report Date | Fecha Informe: Report Date |
| | | | 04-06-2021 | 04-06-2021 |

