



Controlli Radiografici Cattaneo

Test report U.T.

RPR. N° 22396

Pag. 1 of 1

Job OV-2011-00223

Plant ATB RIVA CALZONI

Customer NUOVA OLEODINAMICA BONVICINI

Place GRUMELLO CREMONESE (CR)

Object CANNA COMPLETA (4178) PWHT

Code ASME V ART.4 / VIII DIV.1 APP.12

Procedure _____

Drawing CC.4178

Material conditions

Before PWHT After PWHT

Material CARBON STEEL

Heat Nr. _____

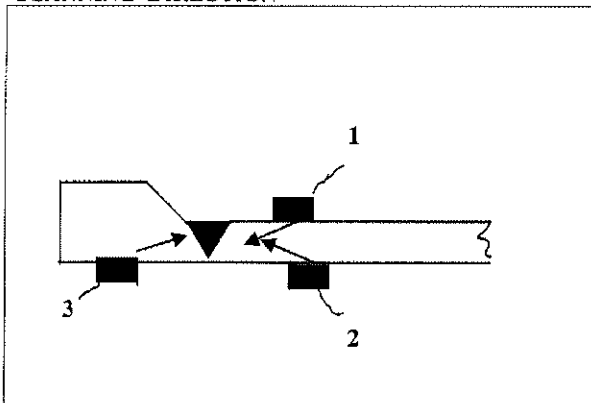
REFERENCE Surface conditions

As rolled As forged Sand blast
 Machined As welded

CONTROL TECHNIQUE

Impulse echo Tandem
 Contact Immersion

SCANNING DIRECTION



| PROBE | SCANNING DIRECTION | | | | | | | | | | | | |
|-------|--------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| | L | T | F | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 45 | | X | | X | X | X | | | | | | | |
| 60 | | X | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| | |
|------------|-------------|
| INSTRUMENT | KRAUTKRAMER |
| TYPE | USM 25 |
| SERIAL Nr. | 741 |

| | |
|--------------------|--|
| COUPLANT | <input type="checkbox"/> Water <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Tylose paste |
| REFERENCE STANDARD | <input checked="" type="checkbox"/> V1 <input type="checkbox"/> V2 |

| L | | | | | | |
|--------------------------|------|-----|------|--------------|-----|-------|
| TRANSDUCCERS | | | | | | |
| Longitudinal wave probes | | | | | | |
| Pos. | Type | MHz | Area | Manufacturer | Nr. | Focal |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| T | | | | | | |
|-------------------|-------|-----|-------|--------------|-----|-------|
| TRANSDUCCERS | | | | | | |
| Shear wave probes | | | | | | |
| Pos. | Type | MHz | Area | Manufacturer | Nr. | Focal |
| 1 | SWB45 | 4 | 14X14 | K.KRAMER | 1 | / |
| 2 | SWB60 | 4 | 14X14 | K.KRAMER | 2 | / |
| | | | | | | |
| | | | | | | |

| PRIMARY Reference Reflector | | |
|-----------------------------|---|----|
| Flat bottom hole (FBH) | / | mm |
| Side drilled hole (SDH) | 5 | mm |
| Bottom wall (BW) | / | mm |
| Notch type | / | mm |

| REFERENCE Indication to Report | | |
|--------------------------------|------------|--------------|
| Long. Wave probe | % Pos. | |
| Shear wave probe | 20 | % Pos. 1-2-3 |
| CALIBRATION BLOCK N. | CRC THK.50 | |

| |
|---------------------|
| Customer Order |
| C.R.C. JOB 762 / 12 |

| EXAMINATION RESULTS | |
|--|--|
| <input type="checkbox"/> Reportable Indication pag: | |
| <input checked="" type="checkbox"/> Not reportable Indication | |
| <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> NOT CONFORMING | |

REMARKS: _____

| | | | | | |
|-----------|--------------------------------|------|------------|-----------|------|
| Operator | <u>TACCHINI MARCO</u> Level II | Data | 26/11/2012 | Inspector | |
| Valuation | <u>UM EN 473/SNT Level III</u> | Data | | | Data |