

| Customer |
|---|
| Flow Technology Ltd Half House Lane Hove Edge Brighthouse West Yorkshire HD6 2PH |

| Delivery Address |
|---|
| Flow Technology Ltd Half House Lane Hove Edge Brighthouse West Yorkshire HD6 2PH |

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

Toll Point
Lichfield Road
Brownhills
WS8 6JZ
t. 01922 414003 f. 01922 414606
e. sales@offshorestainless.co.uk



F13594
1/4" NPT F/F/F FXD TEE 15K 316L

| | | |
|--------------------------|---------------------------|--|
| Report No. 042734 | Our Ref. 107017 | Date 16/04/18 |
| Test No. OSS003741 | Customer PO No. 015079/JS | Specification AISI 316/316L Cold Drawn To Nace |
| Despatch Note No. 062936 | | MR0175 & Linished |

TEST CERTIFICATE

| Item | Quantity | Weight Kg | Part No. | Heat No. | Batch No. | Description |
|------|----------|-----------|----------|----------|-----------|----------------------|
| 001 | 0 | 72 | | 56171606 | F62701 | 2" x 1.1/4" flat bar |
| | | Total | | | | |

A. HEAT TREATMENT SUPPLY CONDITION Solution annealed prior to cold drawing
 B. TEST PIECE TREATMENT CONDITION
 MELTING PRACTICE TEST COUPON SIZE
 Liberty test house report ST0000429 refers

| Tensile Tests | | | | | | Impact Tests | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|-------------|----------|----------------|----------|--------------|--------|---------------------|--------|----------|----|--------|---|---|---|-----|---------|---|---|---|-----|-------------------|---|---|---|-----|----|--|
| Temp | | 0.20% Proof | | Maximum Stress | | %Elong | | % Reduction of Area | | Temp | | ENERGY | | | | | SHEAR % | | | | | LATERAL EXPANSION | | | | | | |
| °C | * | Result | Spec-Min | Result | Spec-Min | 4D | Result | Spec-Min | Result | Spec-Min | °C | * | 1 | 2 | 3 | MIN | AV | 1 | 2 | 3 | MIN | AV | 1 | 2 | 3 | MIN | AV | |
| 20 | L | 582 | 225 | 687 | 490 | | 40 | 30 | 65 | 40 | | | | | | | | | | | | | | | | | | |

| Hardness on TestPiece | | | |
|-----------------------|-------------|--------------|---------|
| Location | Designation | Requirements | Results |
| | HBW | | 213 |

| Heat No. | C | Si | Mn | P | S | Cr | Mo | Ni | Al | Cu | Co | N | Ti |
|-----------------|-------|-------|-------|------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
| 56171606 | 0.019 | 0.470 | 1.520 | .028 | 0.026 | 16.630 | 2.030 | 10.080 | 0.005 | 0.450 | 0.279 | 0.052 | 0.002 |

Material free from mercury contamination during manufacturing process.
 Material free from radioactivity and inspected during manufacture.
 In accordance with EN 10204 3.1

Signature

Position

Commercial Manager