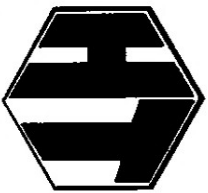


|                         |   |
|-------------------------|---|
| <b>Customer</b>         | FLOW TECHNOLOGY LTD<br>HALF HOUSE LANE<br>HOVE EDGE<br>BRIGHOUSE<br>WEST YORKS. HD6 2PH |
| <b>Delivery Address</b> | FLOW TECHNOLOGY LTD<br>HALF HOUSE LANE<br>HOVE EDGE<br>BRIGHOUSE<br>WEST YORKS. HD6 2PH |



**HT-TECH**  
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Fax: 01829 550882

|                          |                           |                                    |                         |
|--------------------------|---------------------------|------------------------------------|-------------------------|
| Report No. 043687        | Our Ref. 104495           | Date 03/08/18                      | Page 1 of 1             |
| Test No. 368958          | Customer PO No. 015493/J5 | Specification BS EN 10088-3 1.4404 | <b>TEST CERTIFICATE</b> |
| Dispatch Note No. 057834 |                           |                                    |                         |

| Item | Quantity | Weight Kg | Part No. | Heat No. | Batch No. | Description   |
|------|----------|-----------|----------|----------|-----------|---|
| 002  | 1        | 15.0      |          | 56172256 | P221957   | 1" SQ FINISHED BAR<br>CONFORMING TO NACE MR0175<br>3 METRES |
|      |          | Total     |          |          |           |   |

A. HEAT TREATMENT SUPPLY CONDITION  
B. TEST PIECE TREATMENT CONDITION  
MELTING PRACTICE EAF+AOD TEST COUPON SIZE

| Tensile Tests |                    |                       |                    | Units                      |         |        | Impact Tests |          |         |   |          |                   | Hard-ness |          |     |
|---------------|--------------------|-----------------------|--------------------|----------------------------|---------|--------|--------------|----------|---------|---|----------|-------------------|-----------|----------|-----|
| Temp °C       | 0.20% Proof Result | Maximum Stress Result | %Elong 50MM Result | % Reduction of Area Result | Temp °C | ENERGY |              |          | SHEAR % |   |          | LATERAL EXPANSION |           |          | HRC |
| °C            | Spec-Min           | Spec-Min              | Spec-Min           | Spec-Min                   | °C      | 1      | 2            | 3 MIN AV | 1       | 2 | 3 MIN AV | 1                 | 2         | 3 MIN AV |     |
| 20 L          | 543                | 200                   | 41                 | 70                         | 45      |        |              |          |         |   |          |                   |           |          |     |
|               |                    |                       |                    |                            |         |        |              |          |         |   |          |                   |           |          |     |

|                   |         |         |         |         |         |          |          |         |         |          |          |         |          |
|-------------------|---------|---------|---------|---------|---------|----------|----------|---------|---------|----------|----------|---------|----------|
| Heat No. 56172256 | C 0.018 | Si 0.50 | Mn 1.52 | S 0.028 | P 0.032 | Cr 16.67 | Ni 10.09 | Mo 2.03 | Cu 0.50 | Ti 0.003 | Co 0.212 | N 0.052 | Al 0.006 |
|-------------------|---------|---------|---------|---------|---------|----------|----------|---------|---------|----------|----------|---------|----------|

\* Test Direction: L = Longitudinal; T = Transverse  
TEST CERTIFICATE in accordance with BS EN 10204 3.1 / ISO 10474 3.1  
Certified that the whole of the supplied detailed hereon, unless otherwise stated, are covered by the Sources Certificate of Conformity/Test Certificate referenced hereon, and has been supplied to the Quality System requirements in accordance with the conditions of our BS EN ISO 9001 registration for lot traceable products.

Signature:  Position: Certification Dept

F13962  
3/8" NPS CS Male x  
NPT Fxd 90° Elbow  
10K 316L

Component Hardness