

# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

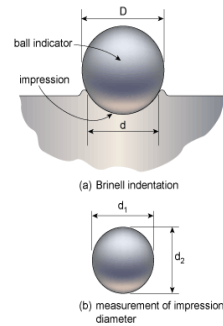
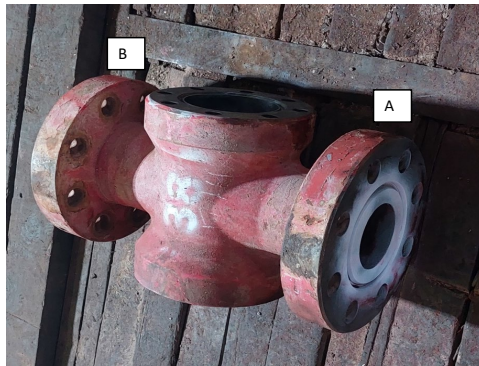


## MAJOR SURVEY CERTIFICATE FOR QUALIFICATION OF HARDNESS

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

|                     |                                        |                     |                           |
|---------------------|----------------------------------------|---------------------|---------------------------|
| CLIENT:             | Daqing Petroleum Drilling Company Iraq | REPORT No.:         | QC-DQ-08-24-0222-04B      |
| LOCATION:           | DQ Base                                | SPECIFICATION:      | ASTM E10 & OEM            |
| DATE:               | 18-Aug-2024                            | Inspection Due Date | As Per OEM Recommendation |
| TYPE OF INSPECTION: | Hardness - HB                          |                     |                           |
| DESCRIPTION:        | Manual Gate Valve Flange               | MFG SERIAL NO.:     | 191106                    |
| MANUFACTURER:       | N/A                                    | SAP NO.:            | N/A                       |

### INSPECTION DETAILS



| SECTION NO. | Hardness At Position |     |     |     | Required Hardness (HB)    |
|-------------|----------------------|-----|-----|-----|---------------------------|
|             | 1                    | 2   | 3   | 4   |                           |
| SIDE A      | 218                  | 227 | 214 | 216 | 210 MINI - 230 MAX As BOP |
| SIDE B      | 224                  | 215 | 220 | 221 | 210 MINI - 230 MAX As BOP |

### INSPECTION EVALUATION

Hardness - The above Item has proper hardness and all inspected spots are matched the OEM values, At the time of inspection and found Acceptable ready to use.

### INSPECTION EQUIPMENT DETAILS

|                    |                               |                        |                |                    |             |
|--------------------|-------------------------------|------------------------|----------------|--------------------|-------------|
| Hardness Tester:   | DEMEQ/QH5                     | SN:                    | 170421LH324A   | CAL DUE DATE       | 24-Feb-2025 |
| PERSON DETAILS     |                               | REVIEW BY              |                |                    |             |
| INSPECTOR NAME:    | Abdullah Mofeed               | SENIOR INSPECTOR:      | NAVEED HUSSAIN | CLIENT:            |             |
| QUALIFICATION:     | ASNT LEVEL II<br>MT,PT,UT,VT, | INSPECTION SUPERVISOR: | M. NAQASH      | SIGNATURE & STAMP: |             |
| SIGNATURE & STAMP: |                               |                        |                | DATE:              |             |

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Tel: +9647810009138 / +9647834964657  
Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com