# SHANDONG JULI WELDING CO LTD.

NO.3888 OF JINGHUA ROAD, ECONOMIC DEVELOPMENT ZONE OF DEZHOU, 253000, SHANDONG, CHINA

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## QUALITY CERTIFICATE

**PI NO.: 003073** **INVOICE NO.:JL221222-CO** **DATE: 2022-12-22**

| Commodity | Size | Batch No. | Mfg Date | Standard | Shielding Gas | Date of issue |
|---|---|---|---|---|---|---|
| Carbon Welding Wire | 1.2 mm | 30012606 | 2022.12 | AWS A5.18 ER70S-6 | $CO_2$ | 2022.12.22 |

Chemical Composition （%）

| Element | C | Mn | Si | P | S | Cu | Ni | Cr | Mo | V | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Specification | 0.06-0.14 | 1.40-1.60 | 0.80-1.00 | ≤0.025 | ≤0.025 | ≤0.35 | ≤0.15 | ≤0.15 | ≤0.15 | ≤0.03 | - |
| Filler Metal | 0.083 | 1.44 | 0.86 | 0.018 | 0.015 | 0.114 | 0.008 | 0.018 | 0.002 | 0.005 | - |

Mechanical Properties

| | Tensile Strength MPa | Yield Point MPa | Elongation （%） | Impact Temp （℃） | Impact Value （J） |
|---|---|---|---|---|---|
| Requirement | 500-640 | ≥420 | ≥20 | -30 | ≥27 |
| Real Parameter | 558 | 447 | 28 | -30 | 103 |
| Remarks | This company had passed the ISO9001Quality System Certificate. This product is certified by CCS, LR, ABS, RINA, CWB, CE,TUV, DB and other institutions . we Hereby Certify That This Report Is Correct And That All Test Results Are In Compliance With The Specification Described Herein. | | | | |

