


WELDER QUALIFICATION TEST CERTIFICATE

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|---------------------------|-------------------|---|
| Welder Name : | ASHIK PAUL | Certificate Number |
| Welder ID No: | SDC-0145 | SDC-WQT-665 |
| Date Of Birth : | 13-MAY-2001 |  |
| Passport Number : | B00528456 | |
| WPS Reference : | SDC/WPS-001 | |
| Test Coupon : | SDC-086-WQTP | |
| Base Metal : | CS-ASTM A36 | |
| Weld Length & Thickness : | 200 mm & 12.00 mm | |
| Date of Test : | 19-08-2024 | |

Testing Variables and Qualification Limits

| Welding Variable | Actual Values | Qualification Ranges |
|---|----------------------|----------------------|
| Welding process : | GTAW | GTAW |
| Type used (manual, Semi-auto): | Semi Auto | Semi Auto |
| Backing (metal, weld metal, double welded, etc.) If No, Entre No : | Not Required | Not Applicable |
| For Pipe (Enter diameter if pipe/tube) & For Plate (Welding Length) : | Pipe – 2" | Pipe – 2" |
| Base Metal Thickness : | 8.00 mm | 8.00 mm |
| Base Metal P-or-S to P-or-S Number : | P1 to P1 | P1 to P1 |
| Filler Metal or electrode specification (s) (SFA) : | A5.18 | A5.18 |
| Filler Metal or electrode classification(s) : | ER70S-6 | ER70S-6 |
| Filler Metal F – Number : | F-6 | F-6 |
| Consumable insert (GTAW) : | Not Applicable | Not Applicable |
| Filler type (solid/metal of flux cored/powder) (GTAW) : | Solid | Solid |
| Deposit Thickness for each process of welding pass. : | 8.00 | 16.00 |
| Process 1-GTAW : (Root, Hot, Fill & Cap) : Three Layer Minimum | 8.00 | Maximum |
| Process 2-SMAW (Root, Hot, Fill & Cap) : Three Layer Minimum | Not Applicable | Not Applicable |
| Position qualified : | 6G | 6G |
| Vertical Progression (uphill or downhill) : | Uphill | Uphill |
| Type of fuel gas (OFW) : | Argon 99.99% | Argon 99.99% |
| Inert gas backing (GTAW, PAW, GMAW) : | Not Required to Used | Not Used |
| Transfer mode (spray/globular or pulse to short circuit – GMAW) : | Not Applicable | Not Applicable |
| FCAW, GMAW, GTAW, SMAW current type / polarity (Polarity (AC, DCEP, DCEN) : | DCEN | DCEN |

Sketch of Bevel Preparation



Validity : 06 Months (Renewable under the conditions of ASME SEC. IX, QW-322.)

Results

| Non-Destructive Test | | Destructive Test | |
|---------------------------|-----------------------------|----------------------|----------------|
| Visual Inspection By –CWI | Satisfactory | Macro Exam. | Not Applicable |
| Magnetic Particle Test | Not Applicable | Root Bend | Not Applicable |
| Liquid Penetrant Test | Not Applicable | Face Bend | Not Applicable |
| Radiography Test | Satisfactory (SDC-086-WQTP) | Side Bend | Not Applicable |
| Ultrasonic Test | Not Applicable | Fillet Weld Fracture | Not Applicable |

We Certify that the statements in this record are correct and the test coupons were prepared, welded and tested in accordance with the requirement of section IX of the ASME Boiler and pressure Vessel Code.

SDC Overseas Training & Testing Centre Authority Approved

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|---|---|--|
| Approved By Welding Inspector |  | Witnessed & Endorsed By Manager |
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