



**Welder Performance Qualification Test Record**

Certificate No.: **93023** Date: **14-Oct-2024**  
 Company Name: **SINOPEC E&C MIDDLE EAST LTD.CO**  
 Welder Name: **EMON FARAZI**  
 Iqama/Passport: **2590066995** Symbol/Id No: **SB-IN-011**



**Test Description**

Identification of WPS followed: **SAS-357/16. REV. 1**  Test Coupon  Production Weld  
 Specification of Base Metal(s): **SA106 Gr. B** Thickness: **8.74 MM**

**Test Conditions and Qualification Limits**

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding Process(s)	<b>GTAW / SMAW</b>	<b>GTAW / SMAW</b>
Type Used (Manual, semi-auto)	<b>MANUAL</b>	<b>MANUAL</b>
Weld Backing (Process-1)	<b>GTAW - WITHOUT BACKING</b>	<b>WITH / WITHOUT BACKING</b>
Weld Backing (Process-2)	<b>SMAW - WITH WELD BACKING</b>	<b>WITH BACKING</b>
Plate or Pipe (Enter dia of pipe or tube)	<b>2"Ø</b>	<b>PLATE &amp; PIPE 1"OD To UNLIMITED</b>
Base Metal (P- or S-Number to P- or S Number)	<b>P1 To P1</b>	<b>P1 THRU P15E, P34 &amp; P41 THRU P49</b>
Filler metal or electrodes specs (SFA)(Info Only)	<b>SFA 5.28 / SFA 5.5</b>	<b>=</b>
Filler metal or electrode classifications (Info only)	<b>ER80S-Ni1 / E8018-C3 H4R</b>	<b>=</b>
Filler metal F-Numbers	<b>F6 / F4</b>	<b>ALL F6 : F4 &amp; BELOW WITH BACKING</b>
Consumable Insert (GTAW or PAW)	<b>=</b>	<b>=</b>
Filler type (solid/metal or flux cored/power) (GTAW or PAW)	<b>SOLID</b>	<b>SOLID</b>
Deposit Thickness for each process		
Process1: <b>GTAW</b> 3 Layers Minimum <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>3.0 MM</b>	<b>GTAW - 6.0 MM MAX.</b>
Process2: <b>SMAW</b> 3 Layers Minimum <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>5.74 MM</b>	<b>SMAW - 11.48 MM MAX.</b>
Position Qualified (2G, 6G, 3F etc)	<b>6G</b>	<b>GROOVE &amp; FILLET - ALL (PIPE &amp; PLATE)</b>
Vertical Progression (Uphill or Downhill)	<b>UPHILL</b>	<b>UPHILL</b>
Type of fuel gas (OFW)	<b>=</b>	<b>=</b>
Inert gas backing (GTAW, PAW, GMAW)	<b>WITHOUT GAS BACKING</b>	<b>WITH / WITHOUT GAS BACKING</b>
Transfer mode (spray/globular or pulse to shor circuit-GMAW)	<b>=</b>	<b>=</b>
GTAW current type/polarity (AC, DCEP, DCEN)	<b>GTAW - DCEN</b>	<b>DCEN</b>
Others	<b>SMAW - DCEP</b>	<b>DCEP / DCEN / AC</b>

**Test Results**

Visual examination of completed weld (QW-302.4): **ACCEPTABLE**

Bend Test  Transverse root and face (QW-462.3a)  Longitude root and face (QW-462.3b)  Side (QW-462.2)  
 Pipe bend specimen, corrosion-resistanct overlay (QW-462.5c)  Pipe bend specimen, corrosion-resistanct overlay (QW-462.5d)  
 Macro test for fusion (QW-462.5b)  Macro test for fusion (QW-462.5e)

Alternative Radiographic examination result (QW-191): **ACCEPTABLE** Report No.: **RT/23/018294**

Fillet weld-fracture test (QW-182): **==** Length and % of defect: **==**

Macro examination (QW-184): **==** Fillet size (In) **==** Concavity/Convexit(In): **==**

Other Tests: **==**

Film and specimen evaluated by: **A. V. Rajeev** Company: **NDT CCS CO.**

Mechanical Test conducted by: **==** Laboratory Test No.: **==**

Welding Inspected by: **M. Maiyappen** Test Date: **11-Oct-2024**

We certify that statements in this record are correct and that the test coupons were prepared, welded and tested in accordance with requirements of ASME BPVC Sec. IX- 2021 Edition.

\*Customers encouraged to validate the certificate in our official website.

Organisation: **NDT Corrosion Control Services Co.**

Approved by: **S. Thomas Jude, Department Head - Inspection**

This is system generated report, doesn't require a signature.

