NDT CORROSION CONTROL SERVICES CO.
P.O. Box 322, Dammam 31411, KSA

Welder Performance Qualification Test Record

Certificate No.: **98457** Date: **14-Aug-2024**

Company Name: **CHINA NATIONAL CHEMICA ENG. THIRD CONST. CO. LTD.**

Welder Name: **BABUL ABUL PRAMANIK**

Iqama/Passport: **2443265760** Symbol/Id No: **MDA-155**

Test Description

Identification of WPS followed: **DA-GTSM-003, REV. 1** ☑ Test Coupon ☐ Production Weld

Specification of Base Metal(s): **SA106 Gr. B** Thickness: **18.26 MM**

Test Conditions and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding Process(s)	GTAW / SMAW	GTAW / SMAW
Type Used (Manual, semi-auto)	MANUAL	MANUAL
Weld Backing (Process-1)	GTAW - WITHOUT BACKING	WITH / WITHOUT BACKING
Weld Backing (Process-2)	SMAW - WITH WELD BACKING	WITH BACKING
Plate or Pipe (Enter dia of pipe or tube)	6"Ø	PLATE & PIPE 2-7/8"OD To UNLIMITED
Base Metal (P- or S-NUmber to P- or S Number)	P1 To P1	P1 THRU P15F, P34 & P41 THRU P49
Filler metal or electodes specs (SFA)(Info Only)	SFA 5.18 / SFA 5.1	--
Filler metal or electrode classifcationss (Info only)	ER70S-3 / E7018	--
Filler metal F-Numbers	F6 / F4	ALL F6 ; F4 & BELOW WITH BACKING
Consumable Insert (GTAW or PAW)	NONE	WITHOUT CONSUMABLE INSERT
Filler type (solid/metal or flux cored/power) (GTAW or PAW)	SOLID	SOLID
Desposit Thickness for each process		
Process1: GTAW 3 Layers Minimum ☐ Yes ☐ No	5.0 MM	GTAW - 10.0 MM MAX.
Process2: SMAW 3 Layers Minimum ☑ Yes ☐ No	13.26 MM	SMAW - MAX. TO BE WELDED
Position Qualified (2G, 6G, 3F etc)	6G	GROOVE - ALL / FILLET - ALL
Vertical Progression (Uphill or Downhill)	UPHILL	UPHILL
Type of fuel gas (OFW)	--	--
Inert gas backing (GTAW, PAW, GMAW)	WITHOUT GAS BACKING	WITH / WITHOUT GAS BACKING
Transfer mode (spray/globular or pulse to shor circuit-GMAW)	--	--
GTAW current type/polarity (AC, DCEP, DCEN)	GTAW - DCEN	DCEN
Others	SMAW - DCEP	DCEP / DCEN / AC

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/23/139846**

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: **Subash Nair** Company: **NDT CCS CO.**

Mechanical Test conducted by: -- Laboratory Test No.: --

Welding Inspected by: **Sarathchandran** Test Date: **11-Aug-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.