






## WELDER QUALIFICATION TEST CERTIFICATE

Welder Name :	BIKASH MALO	Certificate Number	SDC-WQT-6481
Welder ID No:	SDC-0131		
Date Of Birth :	21-DEC-1995		
Passport Number :	A13241255		
WPS Reference :	SDC/WPS-001		
Test Coupon :	SDC-070-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-070-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			
Approved By		Witnessed & Endorsed By	
Welding Inspector		Manager	
