



DEV NDT

INSPECTION & ENGINEERING

103, Devraj Mall, 1st Floor, Opp. Haveli Mandir, India Colony road, Nr. Thakkarnagar Cross road, Bapunagar,
Ahmedabad-382350. (Gujarat) M. 9638053503, 9879958535 e-mail : devndtgujarat@gmail.com www.devndt.com

Certificate No. **PT-II/11-24/6767**

Enrollment No. **PT-6767**



Certificate of Proficiency

This is to certify that

Mr. BAHELIM RAKIBKHAN SIKANDARKHAN

has met the certification requirements and has demonstrated proficiency
by qualifying certification examination and is hereby certified to

**NDT LEVEL II
IN
LIQUID PENETRANT TESTING**

Training course and examination conducted as per recommendations
of ASNT document SNT TC -1A, 2024 edition

Paper	% Required	% Scored
General	70	90.00
Specific	70	95.00
Practical	80	88.00
Average	80	91.00

	Issue Date	Expiration Date
Initial Certification	11/11/2024	11/11/2029

COURSE DIRECTOR & EXAMINER

BALDEV L. PATEL

ASNT NDT Level-III, RT, UT, MT, PT, VT, ET, LT, IR, MFL

Certificate No.: 200510





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Ahmedabad-382350. (Gujarat) M. 9638053503, 9879958535 e-mail : devndtgujarat@gmail.com www.devndt.com

Personnel Certification Record

Name : Mr. Bahelim Rakibkhan Sikandarkhan

Company Name : Self

Reference Document : SNT TC -1A, 2024 Edition

Written Practice No. : DNIE/CERTI./06-2024/01 , Rev. 00

Certificate No. : PT-II/11-24/6767

Method : Liquid Penetrant Testing

Level : II

Educational Background : B.E.Mechanical

Experience (NDT) : 2 years (> 210 hours)

Near Vision Acuity : J1

Color Contrast : OK

Total Training Hours : 20

	Issue Date	Expiration Date
Initial Certification	11/11/2024	11/11/2029

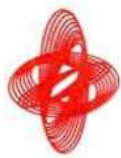
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Industrial X-Ray & Allied Radiographers (I) Pvt. Ltd.

An ISO 9001-2008 Company

SPECIALIST IN CROSS COUNTRY PIPELINES (ONSHORE & OFFSHORE), NON-DESTRUCTIVE METHODS OF EXAMINATION & EVALUATION

102, Faizan Apartment, 1st Floor, S. V. Road, Jogeshwari (West), Mumbai-400 102.

Phone: 43406400 Fax: 2679 94 57 E-mail: info@ixar.in Website : www.ixar.in

CIN: U74220MH1986PTC040343

CERTIFICATE NO: IXAR/PAUT-II-VKD/06/2022

ISSUE DATE: 09/06/2022



CERTIFICATE

THIS IS TO CERTIFY THAT **MR. VARUN K DUBEY** MET THE REQUIREMENTS FOR
CERTIFICATION AS **LEVEL-II** IN

PHASED ARRAY ULTRASONIC (PAUT) EXAMINATION
TECHNIQUE IN ACCORDANCE WITH THE COMPANY WRITTEN PRACTICE:
IXAR/NDE/WP/REV.10 & ASNT-SNT TC-1A. 2011 EDITION.

Training Hours	80	Examination	Grade
Near Vision (Jaeger chart)	Able to read J1 (Without correction)	General Examination*	---
Color Vision	Satisfactory as per Ishihara color chart	Specific examination	83.00
Shades of Gray	Satisfactory as per ONE/TUV/ BV Dr. Kolbl Shades of grey chart	Practical examination	82.00
Total Months of Experience in PAUT	12 Month	COMPOSITE	82.50
		Result	PASS
EXEMPTED BASED ON UT LEVEL II CERTIFICATE NO: IXAR/NDT/UT-II/VKD/10/06/2022 AND WORK EXPERIENCE			

THIS CERTIFICATE IS VALID FOR MAXIMUM OF FIVE YEARS FROM THE DATE OF
CERTIFICATION. AT THE DISCRETION OF IXAR MAY BE REVOKED.



EXAMINER'S SIGNATURE


(A.V. Jain)
Managing Director

BRANCHES

Vadodara :

C- 17/78, Krishna Industrial Estate, Opp. BIDC –
Gorwa, VADODARA, Gorwa - 390 016,
Ph: - (0265) 2280 756 Mo : 098252 44941

Chennai :

4-457, 1st Street, Rayala Nagar,
Ramapuram Chennai-600 089
Phone : (044) 2249 3387

Pune:

Survey No. 17, Gut No. 57/1, Plot No. 7/2, Near Tata Motors
Maval Foundry, Bebedohvhd Maval, Pune - 410 056.
Tel (02114) 237 742 Cell : 098508 37621/098229 76089



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

METALAB ANALYTICAL PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

25-26, NILKANTH AVENUE, VIRATNAGAR CROSS, S. P. RING ROAD, ODHAV, AHMEDABAD,
AHMEDABAD, GUJARAT, INDIA

in the field of
TESTING

Certificate Number: TC-6123

Issue Date: 06/06/2024

Valid Until: 05/06/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: METALAB ANALYTICAL PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



Satec
Envir Engineering (I) Pvt. Ltd.

M/s SATEC ENVIR ENGINEERING (I) PVT LTD.

Survey No. 189/2, 190/2, 189/3, 184/185, Bhuj - Bhachau Road,
Village Kanaiyabe, Kachchh, Gujarat - 370 020.

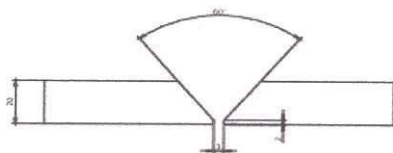
PAGE 1-2

WELDING PROCEDURE SPECIFICATION (WPS)

STANDARD : AWS-D1.1 :2025		WPS No. : SATEC/WPS/002, Rev.0		Date: 06-12-2025
Location	BHUJ-PLANT	Material Group No.	Group: III to Group III	
Mfrs. Ref. No.	STC / GEN -BHUIJ / 001 Rev.0	Parent Material Thickness (mm)	20 mm	
Manufacturer	M/s SATEC ENVIR ENGINEERING (I) PVT LTD.	Weld metal Thickness	20 mm	
Welder Name	SHARVAN KUMAR YADAV ,STC/W#006	Welding Position	2G	
Method of Preparation	Flame Cut / Grinding / Machining	Range Qualified (mm)	Material Group range : Group: III to Group III or Equivalent	
Welding Process	GMAW		Thickness - 10.0 mm to 40 mm	
Joint Type	Single V Groove Butt Weld		Positions : 2G, 1G	
Examiner or Examining Body	AAVISHKAR GROUP		Pipe : Dia > 500 mm	
Parent Material Specification	IS 2062:2011- E450BR TO IS 2062:2011- E450BR		Fillet : 2F, 1F	
		Throat : Multi pass - Unlimited.		

Weld Preparation Details (Sketch)

Joint Design (Used in WPQR)



Additional Qualified Joints

REFER PAGE NUMBER 2 OF 2

Welding Details

Weld Passes	Process	Classification of Electrode	Wire Dia (mm)	Current (A) *	Voltage (V) *	Type of Current / Polarity	Wire Feed Speed (m/min)	Travel Speed (mm/min) *	Heat Input (kJ/mm)
Root	GMAW	ER 80S-G	1.2	155-200	21 - 26	DCEP	10-12	150-200	1.51
Fill Up	GMAW	ER 80S-G	1.2	160-205	20 - 27	DCEP	10- 15	159-258	1.69
Capping	GMAW	ER 80S-G	1.2	165-200	21 - 28	DCEP	10- 13	190-280	1.32
Back side run	GMAW	ER 80S-G	1.2	162-204	21 - 26	DCEP	10- 14	175-204	1.5

* For Controlling the Heat Input, Variation in other welding parameter is permitted.

Filler Metal Classification and Trade Name :AWS A5.28: ER 80S-G and ESAB

Any Special Baking or Drying : Not Applicable

Gas / Flux (Shielding) : CO2 & ARGON

Gas Flow Rate (Shielding) : 16-30 LPM

Baking : N / A

Tungsten Electrode Type / Size : N / A

Details of Back Gouging / Backing : Without Backing / With Grinding

Initial/Interpass Cleaning : Wire brushing / Grinding

Contact Tube to Work Distance : 8-25 mm

Pre - Heat Temperature (Min.)

≤ 20 mm	: 10°C
> 20 mm ≤ 38mm	: 65°C
> 38 mm ≤ 65mm	: 110°C
> 65mm	: 150°C

Interpass Temperature (Max.) : 203° C

Post Heating : N / A

Post Weld Heat Treatment and / or Aging : N / A

Time, Temperature, Method : N / A

Heating and Cooling Rates : N / A

OTHER INFORMATION:

Oscillation : Amplitude, Frequency, Dwell Time. N / A

Pulse Welding Details : N / A

Stand - Off Distance : N / A

Plasma Welding Details : N / A

Torch Angle : N / A

Weaving (Maximum) : 12 mm

String or Weave Bead : Stringer/Weave

Office or Gas Cup Size : 12 - 18 mm

Multiple or Single Pass : Single/Multiple

Multiple or Single Electrode : Single

PREPARED BY

REVIEWED BY

WITNESSED BY

APPROVED BY

Nihar R. Sahoo

1.1
BHUIJ



NIHAR RANJAN SAHOO

GOPINATH G

AMIT KUMAR Stamp No.: 030

QA/QC ENGINEER

SR. QA / QC - Manager

Witness

Review

Date:

TPI

Signature

Client



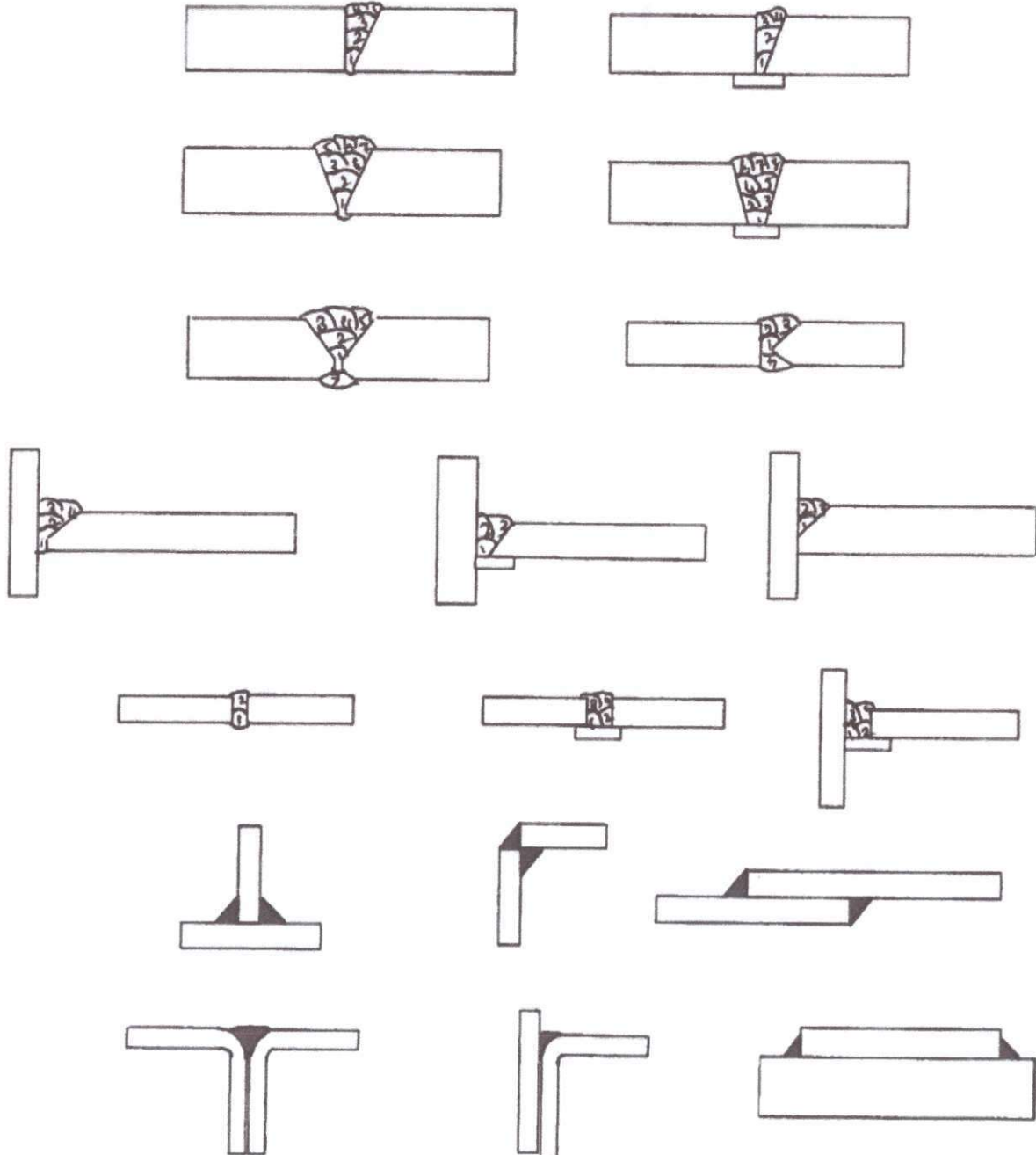
Proposed WELDING PROCEDURE SPECIFICATION (WPS)

STANDARD : AWS D1.1 : 2025

WPS No. : SATEC/WPS/002, Rev.0

Date: 06-12-2025

Typical weld joint configuration and welding sequence.



For Detail of Include Angle, Root Gap, Backing Strip, Depth of Groove in partial penetration joints refer Drawing or Standards.

Weld Edge Preparation are only indicative. Any combination of the above and other details can be used as per the Job/ Process requirements.

PREPARED BY	REVIEWED BY	WITNESSED BY	APPROVED BY
<i>Nihar R. Sahoo</i>	<i>h. gopinath</i>	<i>AMIT KUMAR</i>	
NIHAR RANJAN SAHOO	GOPINATH.G	Stamp No.: 030	
QA/QC ENGINEER	Sr. QA / QC - Manager	Witness - ☒ TPI	Client
		Date: <i>Amik</i>	

WELDER'S QUALIFICATION TEST CERTIFICATE

WPS No.	SATEC/WPS/002, Rev-0	
Welder's Name	SHARVAN KUMAR YADAV	
Welder's Identification No.	STC/W # 006	
Employer	SATEC ENVIR ENGINEERING (I) PVT LTD.	
Examiner or Examining body	AAVISHKAR GROUP	
Code / Testing Standard	AWS D1.1 : 2025	
Job Knowledge	Acceptable	

	Test piece	Range of Qualification
Welding process	GMAW Welding	GMAW Welding
Transfer mode	N/A	N/A
Product type	Plate	Plate
Type of Weld	Butt Weld & Fillet Weld	Butt Weld & Fillet Weld
Parent material group	GROUP- III	Groups I to IV (including subgroups)
Filler material designation	AWS A5.28: ER 80S-G	S, C
Shielding Gas	CO 2 & ARGON	CO 2 & ARGON
Auxiliaries	N/A	N/A
Type of current and polarity	DCEP	DCEP, DCEN, AC
Material thickness	20 mm (Butt Weld)	10mm to 40mm (Butt Weld)
Deposited thickness	16 mm (Supplementary Fillet weld)	3 mm to Unlimited.
Welding position	2G – Butt Weld	1G & 2G – Groove welds
	2F- Supplementary Fillet Weld	F, H Fillet welds
Weld details	Butt Weld - Welding from both sides (bs) & multi-layer (ml)	Single side welding with material backing (ss mb), welding from both sides (bs) & multi-layer (ml)
	Supplementary Fillet Weld - Single side welding (ss), multi-layer (ml)	Single side welding (ss), single layer (sl) & multi-layer (ml)

Supplementary fillet weld test (completed in conjunction with a butt weld qualification): Acceptable

Type of tests As per AWS D1.1 Class 6.17	Performed and Accepted	Not tested	Name of examiner or examining body	:	AAVISHKAR GROUP
Visual testing*	Yes	----	Place	:	BHUI RLANT
Radiography testing**	Yes	----	Date	:	06.11.2025
Fracture test**	Yes	----	Signature of examiner or examining body	:	
Bend test	Yes	----	Date of issue	:	20.12.2025
Notch tensile test	Yes	----	Revalidation method	:	NDT
Macro etch test examination	Yes	----	Valid until	:	

* Refer Visual report no. (Butt Weld) : SATEC/WQT:001

* Refer Visual report no. (Supplementary Fillet Weld) : SATEC/WQT:001

** Refer Fracture report no. (Supplementary Fillet Weld) : SATEC/WQT:001

*** Refer RT report no. (Butt Weld) : SATEC/WQT:001

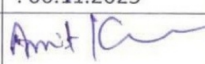
For SATEC ENVIR ENGINEERING



WELDER'S QUALIFICATION TEST CERTIFICATE

WPS No.	SATEC/WPS/003, Rev-0	
Welder's Name	BUDHI RAM	
Welder's Identification No.	STC/W # 007	
Employer	SATEC ENVIR ENGINEERING (I) PVT LTD.	
Examiner or Examining body	AAVISHKAR GROUP	
Code / Testing Standard	AWS D1.4 : 2018	
Job Knowledge	Acceptable	

	Test piece	Range of Qualification
Welding process	GMAW Welding	GMAW Welding
Transfer mode	N/A	N/A
Product type	Plate & Rebar	Plate & Rebar
Type of Weld	Flare Bevel Groove Weld	Flare Bevel Groove Weld
Parent material group	-	-
Filler material designation	AWS A5.28: ER 80S-G	S, C
Shielding Gas	CO 2 & ARGON	CO 2 & ARGON
Auxiliaries	N/A	N/A
Type of current and polarity	DCEP	DCEP, DCEN, AC
Material thickness	20 mm plate & 40 mm Dia Rebar	10mm to 40mm
Deposited thickness	-	-
Welding position	1G – Flare Bevel Groove Weld	Flare Bevel Groove Weld
Weld details	Flare Bevel Groove Weld - Single side welding & multi-layer (ml)	Single side welding & multi-layer (ml)

Type of tests As per AWS D1.4 Class 8.3	Performed and Accepted	Not tested	Name of examiner or examining body	:
Visual testing*	Yes	----	Place	: BHUJ PLANT
			Date	: 06.11.2025
Fracture test**	-	N/A	Signature of examiner or examining body	
Bend test	-	N/A	Date of issue	: 20.12.2025
Notch tensile test	Yes	Report Num: MA/BK30/30R1	Revalidation method	: NDT
Macro etch test examination	Yes	----	Valid until	:
* Refer Visual report no. (Flare Bevel Groove Weld)			: SATEC/WQT:002	

For SATEC ENVIR ENGINEERING

Please turn over, for confirmation of the validity by employer / welding coordinator / examining body for the following 6 months and revalidation for qualification by examiner or examining body for the following 2 years



WELDER'S QUALIFICATION TEST CERTIFICATE

WPS No.	SATEC/WPS/004, Rev-0
Welder's Name	RAWINDRA KUMAR
Welder's Identification No.	STC/W # 011
Employer	SATEC ENVIR ENGINEERING (I) PVT LTD.
Examiner or Examining body	AAVISHKAR GROUP
Code / Testing Standard	AWS D1.1: 2025
Job Knowledge	Acceptable



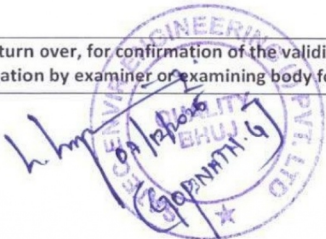
	Test piece	Range of Qualification
Welding process	GMAW Welding	GMAW Welding
Transfer mode	N/A	N/A
Product type	Plate & Stud	Plate & Stud
Type of Weld	T- Joint Fillet Weld in Plate & Stud	T- Joint Fillet Weld in Plate & Stud
Parent material group	-	-
Filler material designation	AWS A5.28: ER 80S-G	S, C
Shielding Gas	CO 2 & ARGON	CO 2 & ARGON
Auxiliaries	N/A	N/A
Type of current and polarity	DCEP	DCEP, DCEN, AC
Material thickness	16 mm plate & 13 mm Dia Stud	08mm To Unlimited
Deposited thickness	-	-
Welding position	1F – Fillet weld	1F – Fillet weld
Weld details	T- Joint Fillet Weld - Single side welding & multi-layer (ml)	Single side welding & multi-layer (ml)

Type of tests As per AWS D1.1 Class 6.17	Performed and Accepted	Not tested	Name of examiner or examining body	:
Visual testing*	Yes	----	Place	: BHUI PLANT
			Date	: 06.11.2025
Fracture test**	-	N/A	Signature of examiner or examining body	
Macro etch test examination	-	N/A	Date of issue	: 20.12.2025
Tensile test	Yes	Report Num: MA/BK29/59	Revalidation method	: NDT
Bend test	Yes		Valid until	:

* Refer Visual report no. (T- Joint Fillet Weld) : SATEC/WQT:003

For SATEC ENVIR ENGINEERING

Please turn over, for confirmation of the validity by employer / welding coordinator / examining body for the following 6 months and revalidation for qualification by examiner or examining body for the following 2 years





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Shed No. : 25-26, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Page 1 of 3

Submitted To :PIEKKO GULF LLC,

Test Report No :MA/BK30/25R1

PO BOX NO. 86031, RAS AI KHAIMAH, UAE.

Date of Report Issue:18/12/2025

Date of Sample Inward:30/11/2025

*Letter Ref:No. PEIKKO/WPS/Date: 28/11/2025

Condition of Sample/Location:Satisfactory

*Sample Details:PQR Test of 20.00 mm Thk. Butt Joint Weld Plate, Heat No: G57092, Welder Name: Sharvan Kumar Yadav, Weld Position: 1G, Weld Process: GMAW, Electrode Make: ESAB Ø 1.2 mm, Batch No. TUZ4178057, Material : IS 2062:2011 Gr.E450BR to IS 2062:2011 Gr.E450BR, Testing as per AWS D1.1:2020

*Work Detail: Project: PEIKKO (Inspire Tower)

Submitted Size: Approx 300 mm X 300 mm Long

Test No. (A, B, C, D, E)

Discipline & Group: (Mechanical) & (Mechanical Properties of Metals)

Date of Analysis: 10/12/2025

Ref Standards: ---

Machine ID: ME/UTM/60T/68

Test Method: ASME BPVC IX : 2025 Cl. No. 151.1 to 151.4

Transverse Tensile Test

Test No. MA/BK30/25R1A

Parameter	Min. Value	Max. Value	Tensile:01	Tensile:02
Width (mm)	--	--	19.12	19.04
Thk. (mm)	--	--	20.03	20.05
Area (mm ²)	--	--	382.97	381.75
Peak Load/Ultimate Load (kN)	--	--	233.09	235.74
UTS (N/mm ²)	570	--	608.63	617.52
Location of Fracture	--	--	Ductile fracture appearance from parent material.	Ductile fracture appearance from parent material.

Discipline & Group: (Mechanical) & (Mechanical Properties of Metals)

Date of Analysis: 05/12/2025

Ref Standards: ---

Machine ID: ME/HBM/113

Test Method: ASTM E190:2021

Transverse Bend Test

Test No. MA/BK30/25R1B

Parameter	Side Bend :01	Side Bend :02	Side Bend :03	Side Bend :04
Width (mm)	10.12	10.14	10.10	10.12
Thk. (mm)	19.98	19.96	20.02	
Mandrel Dia. (mm)	40			
Bend Angle (Degree)	180°			
Result	No cracks or other discontinuities were observed on the outer surface of the bend specimen.			

Discipline & Group: (Mechanical) & (Mechanical Properties of Metals)

Date of Analysis: 05/12/2025

Ref Standards: ---

Machine ID: ME/AIMP/48

Test Method: ASTM E23 - 25

Charpy "V - Notch" Impact Test

Test No. MA/BK30/25R1C

Parameter	@ Weld	@ FL	@FL + 2 mm	@FL + 5 mm
Specimen Size (mm)	10 X 10	10 X 10	10 X 10	10 X 10
Temperature (°C)	Room Temperature	Room Temperature	Room Temperature	Room Temperature
Impact absorbed Energy (J)	86 - 92- 96	102- 110- 116	98- 104- 108	112- 120- 124
Avg. Value (J)	91.33	109.33	103.33	118.67

Checked By: Ashok Shah (LM), Amit Patel (QM), Ankush Meghani

Witnessed By:



ULR No. TC61232500020972F

Authorized Signatory
Ashok Shah (LM)/Amit Patel (QM)

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.*** Sample Details Change: WQT instead of WPS as per Customer request**** - Test Report No.MA/BK30/25 is void against this report.

* Information given by client.



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Shed No. : 25-26, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Page 2 of 3

Submitted To :PIEKKO GULF LLC,

Test Report No :MA/BK30/25R1

PO BOX NO. 86031, RAS AL KHAIMAH, UAE.

Date of Report Issue:18/12/2025

Date of Sample Inward:30/11/2025

*Letter Ref:No. PEIKKO/WPS/Date: 28/11/2025

Condition of Sample/Location:Satisfactory

*Sample Details:PQR Test of 20.00 mm Thk. Butt Joint Weld Plate, Heat No: G57092, Welder Name: Sharvan Kumar Yadav, Weld Position: 1G, Weld Process: GMAW, Electrode Make: ESAB Ø 1.2 mm, Batch No. TUZ4178057, Material : IS 2062:2011 Gr.E450BR to IS 2062:2011 Gr.E450BR, Testing as per AWS D1.1:2020

*Work Detail: Project: PEIKKO (Inspire Tower)

Submitted Size: Approx 300 mm X 300 mm Long

Test No. (A, B, C, D, E)

Discipline & Group: (Mechanical) & (Mechanical Properties of Metals)

Date of Analysis: 05/12/2025

Ref Standards: -

Machine ID: ME/VH/24

Test Method: ASTM E92:2023

Hardness Survey on Weld

Test No. MA/BK30/25R1D

Parameter Particular	Result
	Vicker Hardness HV 10
(1) Parent Metal, Unaffected, Surface	159- 162- 165
(2) Parent Metal, Unaffected, Centre	162- 165- 167
(3) Parent Metal, Unaffected, Surface	160- 164- 166
(4) Parent Metal, Unaffected, Centre	162- 168- 170
(5) Parent Metal, HAZ, Top of Weld	177- 182- 185
(6) Parent Metal, HAZ, Bottom of Weld	180- 184- 180
(7) Parent Metal, HAZ, Top of Weld	176- 181- 186
(8) Parent Metal, HAZ, Bottom of Weld	183- 187- 192
(9) Parent Metal, HAZ, Centre of Weld	188- 192- 190
(10) Parent Metal, HAZ, Centre of Weld	185- 189- 194
(11) Weld Metal, Final Run	201- 207- 210
(12) Weld Metal, Final Run	210- 206- 208
(14) Weld Metal, Root Run, Inside	212- 216- 218

Discipline & Group: (Mechanical) & (Metallography Tests)

Date of Analysis: 05/12/2025

Ref Standards: ---

Machine ID: ME/SZM/44

Test Method: AWS D1.1, Clause 6 : 2025

Macro Etch Test

Test No. MA/BK30/25R1E

Parameter	Result
Test Sample	Cut from Cross Section Area of Weld
Etchant	5% Nital
Magnification	2X to 10X
Observation	The macrostructure of the weld metal and heat-affected zone shows complete fusion. No significant defects—such as cracks, lack of fusion, lack of penetration, or undercut—were observed on the cross-section of the weld area.

Checked By: Ashok Shah (LM), Amit Patel (QM), Ankush Meghani

Witnessed By:



ULR No. TC612325000020972F

Authorized Signatory

Ashok Shah (LM)/Amit Patel (QM)

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.*** Sample Details Change: WQT instead of WPS as per Customer request*** - Test Report No.MA/BK30/25 is void against this report.

* Information given by client.


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 Shed No. : 25-26, Nilkanth Avenue, B/h. Palm Hotel, Viratnagar Cross S. P. Ring Road,
 Odhav, Ahmedabad-382415 (Gujarat, INDIA)

TEST REPORT

Page 3 of 3

Submitted To :PIEKKO GULF LLC,

Test Report No :MA/BK30/25R1

PO BOX NO. 86031, RAS AL KHAIMAH, UAE.

Date of Report Issue:18/12/2025

Date of Sample Inward:30/11/2025

*Letter Ref:No. PEIKKO/WPS/Date: 28/11/2025

Condition of Sample/Location:Satisfactory

 *Sample Details:PQR Test of 20.00 mm Thk. Butt Joint Weld Plate, Heat No: G57092, Welder Name: Sharvan Kumar Yadav, Weld Position: 1G,
 Weld Process: GMAW, Electrode Make: ESAB Ø 1.2 mm, Batch No. TUZ4178057, Material : IS 2062:2011 Gr.E450BR to IS 2062:2011
 Gr.E450BR, Testing as per AWS D1.1:2020

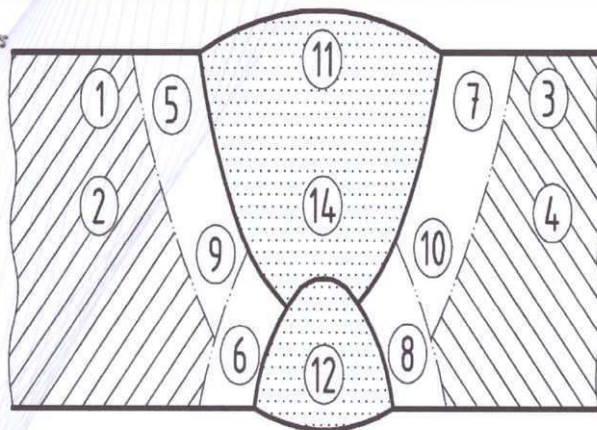
*Work Detail: Project: PEIKKO (Inspire Tower)

Submitted Size: Approx 300 mm X 300 mm Long

Test No. (A, B, C, D, E)

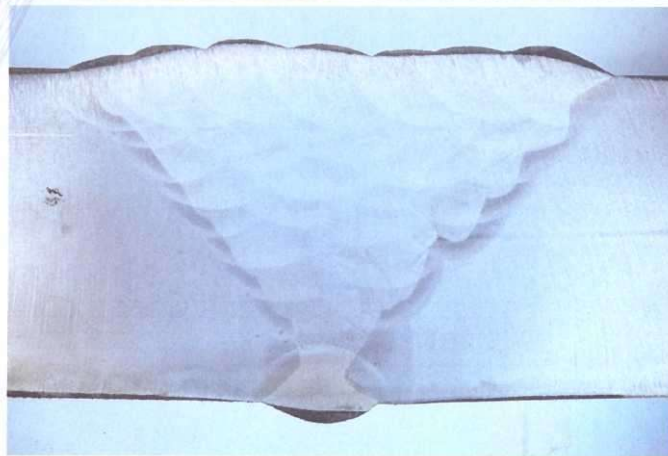
Hardness Survey on Weld Image

Test No. MA/BK30/25R1D



Macro Etch Test Image

Test No. MA/BK30/25R1E



Checked By: Ashok Shah (LM), Amit Patel (QM), Ankush Meghani

Witnessed By:



ULR No. TC612325000020972F

Authorized Signatory

Ashok Shah (LM)/Amit Patel (QM)

While providing the decision rule, measurement uncertainty has been taken into consideration. No additions, deviations, or exclusions have been made from the test method. No external provider has been considered.**** Sample Details Change: WQT instead of WPS as per Customer request**** - Test Report No.MA/BK30/25 is void against this report.

** END OF TEST REPORT **





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CALIBRATION CERTIFICATE

Name And Address of Customer : Satec Envir Engineering Pvt Ltd Plot No. 147, Bhuj-Bhachau Highway, Vill - Kaniyabe, Tal: Bhuj-Kutch, Bhuj 370020	Certificate No. : ALL/ E/150726/056 Date of Issue : 15/07/2026
Date of Receipt : 14/07/2026 Reference No. : ALL/140726/001	Calibration Date : 14/07/2026 Next Due Date* : 14/07/2027

UUC Details

Instrument : Ammeter & Volt Meter of Welding Machine	
Make/Model : Panasonic / YD-500KR2 Sr. No./Id. No. : NM / WM-33 Range : 0 to 600 A DC & 75 V DC Resolution : 20 A DC & 4 V DC Type : Analog	Cali. Performed at : On Site Condition on Receipt : Good Calibration Parameter : Current & Voltage Temp. / Humidity : 25 ± 10 °C / 50 ± 10 % RH Location : Maintenance

Electro Technical Calibration

RESULTS

DC Current

Range A DC	Standard Reading A DC	UUC Reading A DC	Error in A DC	Expanded Uncertainty in A DC
600	50.3	50	-0.3	± 12.4
600	100.9	100	-0.9	± 13.2
600	201.6	200	-1.6	± 15.3
600	402	400	-2	± 21
600	603	600	-3	± 27

DC Voltage

Range V DC	Standard Reading V DC	UUC Reading V DC	Error in V DC	Expanded Uncertainty in V DC
75	10.010	10.0	-0.010	± 2.263
75	20.126	20.0	-0.126	± 2.263
75	30.239	30.0	-0.239	± 2.264
75	50.247	50.0	-0.247	± 2.265
75	70.322	70.0	-0.322	± 2.266

Calibrated By : Yash Chavda

PAGE 1 OF 2



Authorized Signatory : Deep Ka. Patel

F. N. : ATL/7.8/CFE-01 Rev : 01



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CALIBRATION CERTIFICATE

Name And Address of Customer : Satec Envir Engineering Pvt Ltd Plot No. 147, Bhuj-Bhachau Highway, Vill - Kaniyabe, Tal: Bhuj-Kutch, Bhuj 370020	Certificate No. : ALL/ E/150726/056 Date of Issue : 15/07/2026
Date of Receipt : 14/07/2026 Reference No. : ALL/140726/001	Calibration Date : 14/07/2026 Next Due Date* : 14/07/2027

UUC Details

Instrument : Ammeter & Volt Meter of Welding Machine	
Make/Model : Panasonic / YD-500KR2 Sr. No./Id. No. : NM / WM-33 Range : 0 to 600 A DC & 75 V DC Resolution : 20 A DC & 4 V DC Type : Analog	Cali. Performed at : On Site Condition on Receipt : Good Calibration Parameter : Current & Voltage Temp. / Humidity : 25 ± 10 °C / 50 ± 10 % RH Location : Maintenance

Details of Standard Equipment Used

Name	Sr. No.	Certificate No	Validity	Traceable To
Digital Clamp meter	MBGKC45540	TC260601/5/1	01/06/2027	CC-2857
Digital Multimeter	1709043579	ATL/ E/060226/019	06/02/2027	CC-2590

Remarks :

- The Reported Uncertainty is at Coverage Factor $k = 1.96$ which Corresponds to approximately 95% confidence level.
- Methodology of Calibration: ATL/WI/E/01,2,4,5 based on Comparison Method.
- The above Results are obtained at the time of calibration and calibration is carried without repair or adjustment.
- *Due Date and calibration point are based on customer requirements.
- Results relate only to the items calibrated.
- All reference standard used for calibration are traceable to National Standard.
- The method used for calibration is without deviation or exclusion.
- Averages of five readings are taken for the Results.
- The information contained in this certificate is meant for Scientific and industrial purpose only.
- U.U.C: Unit under Calibration, NM: Not Mentioned.
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End of Calibration Certificate

Calibrated By : Yash Chavda

PAGE 2 OF 2



Authorized Signatory : Deep Ka. Patel

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CC-2590

CALIBRATION CERTIFICATE

ULR : CC259026400003171F

Name And Address of Customer : Satec Envir Engineering Pvt Ltd Plot No. 147, Bhuj-Bhachau Highway, Vill - Kaniyabe, Tal: Bhuj-Kutch, Bhuj 370020	Certificate No. : ATL/MP/180726/016 Date of Issue : 18/07/2026
Date of Receipt : 14/07/2026 Reference No. : ATL/140726/009	Calibration Date : 14/07/2026 Next Due Date* : 14/07/2027

UUC Details

Instrument : Pressure Gauge of CNC Machine	
Make/Model : Messer / NM Sr. No./Id. No. : NM / CNC/PG-03 Range : 0 To 16 bar Resolution : 0.5 bar Type : Analog	Cali. Performed at : On Site Condition on Receipt : Good Calibration Parameter : Pressure Temp. / Humidity : 30 ± 10 °C / 60 ± 15 % RH Location : Bay-02

Mechanical Calibration: Pressure Indi. Devices

(All readings are in bar)

RESULTS

Set pressure on UUC gauge p	Reading of Master Equipment		Mean Value Miw (M1+M2)/2	Deviation (p-Miw)	Hysteresis (M2-M1)	Expanded Uncertainty (±)
	M1 (Up)	M2 (Down)				
0	0.000	0.000	0.000	0.000	0.000	0.283
4	4.003	4.002	4.003	-0.003	0.001	0.283
8	8.006	8.005	8.006	-0.006	0.001	0.283
12	12.012	12.011	12.012	-0.012	0.001	0.283
16	16.015	16.014	16.015	-0.015	0.001	0.283

Details of Standard Equipment Used

Name	Sr. No.	Certificate No	Validity	Traceable To
Digital Pressure Gauge (-1 to 35 bar)	NVET1703495	VILLP/25-26/T-1293	24/10/2026	CC-2695

Remarks :

- All readings are taken in bar at the time of calibration. 1 bar=1.01972 kg/cm².
- The Reported Uncertainty is at Coverage Factor $k = 1.96$ which Corresponds to approximately 95% confidence level.
- Methodology of Calibration: ATL/WI/MP/002 based on DKD-R-6-1, DKD-R-6-2 and NABL 129.
- The above Results are obtained at the time of calibration and calibration is carried without repair or adjustment.
- *Due Date and calibration point are based on customer requirements.
- Results relate only to the items calibrated.
- All reference standard used for calibration are traceable to National Standard.
- The method used for calibration is without deviation or exclusion.
- The information contained in this certificate is meant for Scientific and industrial purpose only.
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End of Calibration Certificate

Priyank

Calibrated By : Priyank Prajapati

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Deep

Authorized Signatory : Deep Ka. Patel

F. N. : ATL/7.8/CFP-01 Rev : 01



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CC-2590

CALIBRATION CERTIFICATE

ULR : CC259026400003174F

Name And Address of Customer : Satec Envir Engineering Pvt Ltd Plot No. 147, Bhuj-Bhachau Highway, Vill - Kaniyabe, Tal: Bhuj-Kutch, Bhuj 370020	Certificate No. : ATL/MP/180726/019 Date of Issue : 18/07/2026
Date of Receipt : 14/07/2026 Reference No. : ATL/140726/009	Calibration Date : 14/07/2026 Next Due Date* : 14/07/2027

UUC Details

Instrument : Pressure Gauge of Air Receiver Tank	
Make/Model : Pointer / NM Sr. No./Id. No. : NM / ART/PG-01 Range : 0 To 14 kg/cm ² Resolution : 0.2 kg/cm ² Type : Analog	Cali. Performed at : On Site Condition on Receipt : Good Calibration Parameter : Pressure Temp. / Humidity : 30 ± 10 °C / 60 ± 15 % RH Location : Bay-04

Mechanical Calibration: Pressure Indi. Devices

(All readings are in kg/cm²)

RESULTS

Set pressure on UUC gauge p	Reading of Master Equipment		Mean Value Miw (M1+M2)/2	Deviation (p-Miw)	Hysteresis (M2-M1)	Expanded Uncertainty (±)
	M1 (Up)	M2 (Down)				
0	0.000	0.000	0.000	0.000	0.000	0.113
4	4.020	4.021	4.021	-0.021	0.001	0.113
8	8.065	8.064	8.065	-0.065	0.001	0.113
12	12.100	12.099	12.100	-0.100	0.001	0.113
14	14.118	14.119	14.119	-0.119	0.001	0.113

Details of Standard Equipment Used

Name	Sr. No.	Certificate No	Validity	Traceable To
Digital Pressure Gauge (-1 to 35 bar)	NVET1703495	VILLP/25-26/T-1293	24/10/2026	CC-2695

Remarks :

- All readings are taken in bar at the time of calibration. 1 bar=1.01972 kg/cm².
- The Reported Uncertainty is at Coverage Factor $k = 1.96$ which Corresponds to approximately 95% confidence level.
- Methodology of Calibration: ATL/WI/MP/002 based on DKD-R-6-1, DKD-R-6-2 and NABL 129.
- The above Results are obtained at the time of calibration and calibration is carried without repair or adjustment.
- *Due Date and calibration point are based on customer requirements.
- Results relate only to the items calibrated.
- All reference standard used for calibration are traceable to National Standard.
- The method used for calibration is without deviation or exclusion.
- The information contained in this certificate is meant for Scientific and industrial purpose only.
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End of Calibration Certificate

Priyank

Calibrated By : Priyank Prajapati

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Deep

Authorized Signatory : Deep Ka. Patel

F. N. : ATL/7.8/CFP-01 Rev : 01



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CC-2590

CALIBRATION CERTIFICATE

ULR : CC259026400003160F

Name And Address of Customer : Satec Envir Engineering Pvt Ltd Plot No. 147, Bhuj-Bhachau Highway, Vill - Kaniyabe, Tal: Bhuj-Kutch, Bhuj 370020	Certificate No. : ATL/MP/180726/005 Date of Issue : 18/07/2026
Date of Receipt : 14/07/2026 Reference No. : ATL/140726/009	Calibration Date : 14/07/2026 Next Due Date* : 14/07/2027

UUC Details

Instrument : Pressure Gauge of Puffing Machine	
Make/Model : ITEC / NM Sr. No./Id. No. : NM / PM/PG-01 Range : 0 To 280 kg/cm ² Resolution : 6 kg/cm ² Type : Analog	Cali. Performed at : On Site Condition on Receipt : Good Calibration Parameter : Pressure Temp. / Humidity : 30 ± 10 °C / 60 ± 15 % RH Location : Puffing Area

Mechanical Calibration: Pressure Indi. Devices

(All readings are in kg/cm²)

RESULTS

Set pressure on UUC gauge p	Reading of Master Equipment		Mean Value Miw (M1+M2)/2	Deviation (p-Miw)	Hysteresis (M2-M1)	Expanded Uncertainty (±)
	M1 (Up)	M2 (Down)				
0	0.00	0.00	0.00	0.00	0.00	3.39
100	100.46	100.44	100.45	-0.45	0.02	3.39
150	151.15	151.18	151.17	-1.17	0.03	3.39
200	202.39	202.44	202.42	-2.42	0.05	3.40
280	282.52	282.60	282.56	-2.56	0.08	3.40

Details of Standard Equipment Used

Name	Sr. No.	Certificate No	Validity	Traceable To
Digital Pressure Gauge (0 to 700 bar)	NVET1703497	VILLP/25-26/T-0337	09/03/2027	CC-2695

Remarks :

- All readings are taken in bar at the time of calibration. 1 bar=1.01972 kg/cm².
- The Reported Uncertainty is at Coverage Factor $k = 1.96$ which Corresponds to approximately 95% confidence level.
- Methodology of Calibration: ATL/WI/MP/001 based on DKD-R-6-1 : 2014 and NABL 129.
- The above Results are obtained at the time of calibration and calibration is carried without repair or adjustment.
- *Due Date and calibration point are based on customer requirements.
- Results relate only to the items calibrated.
- All reference standard used for calibration are traceable to National Standard.
- The method used for calibration is without deviation or exclusion.
- The information contained in this certificate is meant for Scientific and industrial purpose only.
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End of Calibration Certificate

Priyank

Calibrated By : Priyank Prajapati

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Deep

Authorized Signatory : Deep Ka. Patel

F. N. : ATL/7.8/CFP-01 Rev : 01

MASTER LIST OF CALIBRATION

Custom UUC Type	Identification No.	Make	Mfg. Sr.No.	UUCRange	UUCLC	UUCModel	UUCType	Calibrated On
Voltmeter of Panel	Pannel/VM-01	Multispan	NM	As Per Specification	As Per Specification	VOLT 19	Digital	14-07-2026
Voltmeter of Panel	DG/VM-01	Multispan	NM	As Per Specification	As Per Specification	VOLT 19	Digital	14-07-2026
Humidity & Temperature Meter	HTM-01	Accuplus	NM	-20 To 60 °C/0 To 100 %RH	0.1 °C/0.1 %RH	NM	Digital	14-07-2026
Humidity & Temperature Meter with Sensor (K-Type)	HTM-02	Accuplus	NM	-10 To 60 °C/0 To 100 %RH	0.1 °C/0.1 %RH	HT-305	Digital	14-07-2026
Infrared Thermometer	IR-01	Accuplus	NM	-50 To 600 °C	0.1 °C	MT5	Digital	14-07-2026
Coating Thickness Gauge	CTG-01	Work Zone	NM	0 To 99.9/999/2000 µm	0.1/1/10 µm	DFT-222	Digital	14-07-2026
Measuring Tape	MT-15-01	Freemans	NM	0 To 15000 mm	1 mm	NM	Analog	14-07-2026
Measuring Tape	MT-5-01	Freemans	NM	0 To 5000 mm	1 mm	NM	Analog	14-07-2026
Bevel Protractor	BP-01	Insize	5-06.1389-2024.05	0 To 360 °	5 min	2372-360	Analog	14-07-2026
Coating Thickness Gauge	CTG-02	Kusam meco	24070EC505624	0 To 99.9/999/2000 µm	0.1/1/10 µm	KM-EP-770P1	Digital	14-07-2026
Ultrasonic Thickness Gauge	UTG-01	NM	1 To 99.99/225 mm	0.1/0.01 mm	0.1/0.01 mm	NM	Digital	14-07-2026
Dial Thickness Gauge	DTG-01	NM	NM	0 To 12.7 mm	0.001 mm	NM	Digital	14-07-2026
External Micrometer	MM-01	Mitutoyo	NM	0 To 25 mm	0.01 mm	NM	Analog	14-07-2026
Measuring Tape	MT-5-02	Freemans	NM	0 To 5000 mm	1 mm	NM	Analog	14-07-2026
Measuring Tape	MT-50-01	Freemans	NM	0 To 50000 mm	1 mm	NM	Analog	14-07-2026
Digital Caliper	DC-01	Work Zone	NM	0 To 300 mm	0.01 mm	NM	Digital	14-07-2026
Measuring Scale	MS-01	NM	NM	0 To 300 mm	1 mm	NM	Analog	14-07-2026
Pressure Gauge of Puffing Machine	PM/PG-01	ITEC	NM	0 To 280 kg/cm²	6 kg/cm²	NM	Analog	14-07-2026
Pressure Gauge of Puffing Machine	PM/PG-02	Tecsis	NM	0 To 6 bar	0.2 bar	NM	Analog	14-07-2026
Pressure Gauge of Puffing Machine	PM/PG-03	Tecsis	NM	0 To 6 bar	0.2 bar	NM	Analog	14-07-2026
Pressure Gauge of Press Breck Machine-1	PBM/PG-01	Micro	NM	0 To 280 kg/cm²	5 kg/cm²	NM	Analog	14-07-2026
Pressure Gauge of I fiteup	IFT/PG-01	WU XI GUANG SHUN	NM	0 To 10 Mpa	0.2 Mpa	NM	Analog	14-07-2026
Pressure Gauge of I fiteup	IFT/PG-02	WU XI GUANG SHUN	NM	0 To 10 Mpa	0.2 Mpa	NM	Analog	14-07-2026
Pressure Gauge of I fiteup	IFT/PG-03	WU XI GUANG SHUN	NM	0 To 10 Mpa	0.2 Mpa	NM	Analog	14-07-2026
Pressure Gauge of I fiteup	IFT/PG-04	WU XI GUANG SHUN	NM	0 To 10 Mpa	0.2 Mpa	NM	Analog	14-07-2026
Pressure Gauge of I fiteup	IFT/PG-05	WU XI GUANG SHUN	NM	0 To 16 Mpa	0.4 Mpa	NM	Analog	14-07-2026
Pressure Gauge of CNC Machine	CNC/PG-01	Messer	NM	0 To 25 bar	0.5 bar	NM	Analog	14-07-2026
Pressure Gauge of CNC Machine	CNC/PG-02	Messer	NM	0 To 2.5 bar	0.05 bar	NM	Analog	14-07-2026
Pressure Gauge of CNC Machine	CNC/PG-03	Messer	NM	0 To 16 bar	0.5 bar	NM	Analog	14-07-2026
Pressure Gauge of Air Compressor	AC/PG-01	Waaree	NM	0 To 20 kg/cm²	0.5 kg/cm²	NM	Analog	14-07-2026
Pressure Gauge of 4 Torch Machine	4T/PG-01	Akvalo	NM	0 To 21 kg/cm²	0.5 kg/cm²	NM	Analog	14-07-2026
Pressure Gauge of Air Receiver Tank	ART/PG-01	Pointer	NM	0 To 14 kg/cm²	0.2 kg/cm²	NM	Analog	14-07-2026
Pressure Gauge of Air Receiver Tank	AC/PG-02	Power	NM	0 To 21 kg/cm²	0.5 kg/cm²	NM	Analog	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-01	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-02	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-03	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-04	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-05	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-06	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of ARC Welding Machine	ARC/WM-07	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-01	NBC	NM	0 to 400 A DC & 75 V DC	10 A DC & 2 V DC	NM	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-02	NBC	NM	0 to 400 A DC & 75 V DC	10 A DC & 2 V DC	NM	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-03	NM	NM	0 to 1250 A DC & 100 V DC	50 A DC & 5 V DC	NM	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-04	NM	NM	0 to 1250 A DC & 100 V DC	50 A DC & 5 V DC	NM	Analog	14-07-2026
Ammeter of ARC Welding Machine	ARC/WM-08	Vulcan	NM	0 to 400 A DC	As Per Specification	NM	Analog	14-07-2026
Ammeter of ARC Welding Machine	ARC/WM-09	Vulcan	NM	0 to 400 A DC	As Per Specification	NM	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-05	Panasonic	NM	0 to 400 A DC & 36 V DC	1 A DC & 0.1 V DC	YD-400AT3DJG	Digital	14-07-2026
Ammeter of Welding Machine	WM-06	Panasonic	NM	0 to 400 A DC	1 A DC	YD-400AT3DJR	Digital	14-07-2026
Ammeter & Volt Meter of MIG Welding Machine	4T/WM-01	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of MIG Welding Machine	4T/WM-02	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of MIG Welding Machine	4T/WM-03	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of MIG Welding Machine	4T/WM-04	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-07	ESAB	NM	0 to 1250 A DC & 100 V DC	1 A DC & 0.1 V DC	CPRA 1250i	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-08	ESAB	NM	0 to 1250 A DC & 100 V DC	1 A DC & 0.1 V DC	CPRA 1250i	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-09	ESAB	NM	0 to 1250 A DC & 100 V DC	1 A DC & 0.1 V DC	CPRA 1250i	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-10	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-11	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-12	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-13	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-14	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-15	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter of ARC Welding Machine	ARC/WM- 10	Vulcan	NM	0 to 400 A DC	As Per Specification	NM	Analog	14-07-2026
Ammeter of ARC Welding Machine	ARC/WM-11	Vulcan	NM	0 to 400 A DC	As Per Specification	NM	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-16	Panasonic	NM	0 to 600 A DC & 75 V DC	20 A DC & 4 V DC	YD-500KR2	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-17	Panasonic	NM	0 to 600 A DC & 75 V DC	20 A DC & 4 V DC	YD-500KR2	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-18	Panasonic	NM	0 to 600 A DC & 75 V DC	20 A DC & 4 V DC	YD-500KR2	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-19	Panasonic	NM	0 to 600 A DC & 75 V DC	20 A DC & 4 V DC	YD-500KR2	Analog	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-20	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-21	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-22	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-23	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter of Welding Machine	WM-24	Panasonic	NM	0 to 400 A DC	1 A DC	YD-400AT3DJR	Digital	14-07-2026
Ammeter of Welding Machine	WM-25	Panasonic	NM	0 to 400 A DC	1 A DC	YD-400AT3DJR	Digital	14-07-2026
Ammeter of Welding Machine	WM-26	Panasonic	NM	0 to 400 A DC	1 A DC	YD-400AT3DJR	Digital	14-07-2026
Ammeter of Welding Machine	WM-27	Panasonic	NM	0 to 400 A DC	1 A DC	YD-400AT3DJR	Digital	14-07-2026
Ammeter & Volt Meter of Welding Machine	WM-28	Panasonic	NM	0 to 400 A DC & 35 V DC	1 A DC & 0.1 V DC	YD-400RX1	Digital	14-07-2026
Ammeter of ARC Welding Machine	ARC/WM-12	Vulcan	NM	0 to 600 A DC	As Per Specification	NM	Analog	14-07-2026