AMETECS HEAVY INDUSTRIES - SOLE PROPRIETORSHIP L.L.C.

QUALITY, HEALTH, SAFETY, AND ENVIRONMENT SYSTEM

QUALITY ASSURANCE & QUALITY CONTROL PROCEDURE

	Name	Signature	Date
PREPARED BY	**SARATH P**		**01/05/2025**
APPROVED BY	**AMRITH SATHISH**		**01/05/2025**

CONTROLLED DOCUMENT

1. REVISION AND APPROVAL

Rev.	Date	Nature of Changes	Approved By
00	1 May 2025	Original issue	MANAGING DIRECTOR

CONTROLLED DOCUMENT

2.0 PURPOSE

The purpose of this document is to define the Quality requirements related to service and verifying the conformity of product through measurement and monitoring to the specified requirements.

3.0 SCOPE

This procedure is applicable to the following operations:

1. Establishing Quality Documents i.e., Manual, Procedures, Work Instruction, Formats.
2. Receiving Inspection
3. Safe handling of samples
4. In-process and Final Inspections to control and assure Quality.

4.0 DEFINITIONS

MR - Management Representative

QA/QC – Quality Assurance & Control

ITP – Inspection Test Plan

5.0 ROLES & RESPONSIBILITIES

The Manager / QA/ QC Engineer & Inspectors are responsible for the overall effectiveness of this procedure.

6.0. INSPECTION ACTIVITIES

6.1 Equipment / Vehicles Maintenance

6.1.1List all equipment and vehicle indicating all preventive maintenance needed

6.1.2 Inspect all vehicles daily before dispatch

6.2 In-process Inspection and Delivery

6.2.1 QA&QC shall carryout the inspection before loading all deliverables as per physical status, quantity and other remarks

6.2.2 Inform client of the inspection report and for signature designated location

6.2.3 Load and deliver all items

6.3 Calibration

6.3.1 This section describes the Calibration of Measuring and Test Equipment used in fulfillment of applicable Code/Standards requirements.

6.3.2 Control of Calibration: Measuring Instruments and Test Equipment are controlled by the Manager / QA/QC Engineer. Each measuring instrument and test equipment shall bear unique identification number / Serial number. All calibrated equipment shall be registered in the Instrument and Equipment Calibration Register.

6.3.3 Performance of Calibration: Calibration shall be performed either in house or by a qualified external testing laboratory which provides certified records of calibration and has standards whose accuracy is traceable to national / international standards or equipment manufacturers standards

6.3.3 Documentation Calibration results are documented on the Instrument and Equipment Calibration Register as follows:

A) Description / Make / Model
B) Range / Serial / Identification number
C) Calibration Accuracy / Calibration Frequency
D) Date of calibration and Due Date
E) Certificate number / Report number

6.3.4 External Calibration - calibration results shall be reviewed and approved by QA/QC Engineer by signature and date on the Certificate of Calibration. All pressure gauges used for hydrostatic or pneumatic testing shall be calibrated against dead weight – tester or master gauge annually or whenever there is reason to doubt its accuracy.

6.3.5 Internal Calibration – Calibration results shall be reviewed and approved by the QA/QC Engineer by Signature and date on the certificate.

6.3.6 The QA/QC Engineer check the documentation of calibrated instruments and provides for recalibration, when necessary.

6.3.7 The QA/QC Engineer maintain an Instrument and Equipment Calibration Register which indicates the calibration status for all Instruments and Equipment. It is his responsibility to assure that all Instrument and Equipment within the system in use is calibrated.

6.3.8 Accuracy required and frequency of calibration shall be determined from manufacturer's recommendations or from experience with the equipment unless specified by the Code or national / international standards

6.3.9 All calibrated Instrument / Equipment shall be identified with calibration sticker indicating Serial Number / Identification Number, Date of Calibration and Next Due Date.

6.3.10 Non-Conformities: When equipment is found to be out of calibration or damage QA/QC Engineer shall tag the equipment 'HOLD' and where practical remove the equipment from work area until replacement or recalibration.

7.0 RECORDS

Inspection & Test Plan	IMS-QAQC-F01
Quality Control Inspection Checklist	IMS-QAQC-F02
Calibration Register	IMS-QAQC-F03
Preventive Maintenance Plan	IMS-QAQC-F04

INSPECTION & TEST PLAN (ITP)

Al Makki Engineering & Technical Services Ltd.
P.O. Box 70362
Abu Dhabi,
U.A.E
Tel No: 02 5552426
Fax No: 02 5541384
Email: info@ametecs.com

Title: ITP for 1.5 T jib crane

ITP No: AMT/ITP/JIB/JUB/2401

Revision: 0

Project	Jubail Island Infrastructure Works, Package – 4 (Bada Al Jubail)
Client	Jubail Island Investment Co.
Consultant	Parsons
Contractor	Arabic Engineers Control & Electromechanical Systems
Manufacturer	AMETECS

"W" - WITNESS	A point beyond which work may proceed without formal documented approval by Client/Contractor/Consultant
	"W" points shall be notified in accordance with the purchase order
"H" - HOLD POINT	A point beyond which work shall not proceed without formal documented approval by Client/Contractor/Consultant
	"H" points shall be notified in accordance with the purchase order
"R" - RECORD REVIEW	The document are to be reviewed by Client/Contractor/Consultant as required and signed as such

REMARKS:

1. Contract shall prevail in case of any conflict between Contract and any other document addressed herewith including this QCP/ITP.
2. Client/Contractor/Consultant shall have the right to attend any of the activities as witness. For this purpose Client/Contractor/Consultant shall be informed before hand over of the activities planned date as per the Contract requirement.
3. This QCP/ITP shall be considered approved once signed and stamped by all responsible parties

شركة المكي الهندسة والخدمات الفنية
Al Makki Engg. & Technical Services
P.O. Box 70362
AMETECS Abu Dhabi - U.A.E.
ص.ب. ٧٠٣٦٢
أبوظبي - أ.ع.م

Client	Consultant	Contractor	Manufacturer

AMETECS

INSPECTION & TEST PLAN

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ITP No. : AMT/ITP/JIB/JUB/2401
Rev No. : 0

Client	: Jubail Island Investment Co.	**Contractor**	: Arabic Engineers/Gulf Contractors	**Items**	: Slewing jib crane, 1.5 T SWL
Project	: Jubail Island Infrastructure Works Package 4 (Bada Al Jubail)	**Consultant**	: Parsons	**Tag no.**	: For SPS-2

OP No.	Activity Description	Controlling Procedure/ Document	Acceptance Criteria	Responsible Person	Records	AMETECS	ARABIC ENGR./ GCC	PARSONS	JIC
0	**Inspection and Test Plan**	Purchase Order requirements	As per project requirements	Operations Manager	Signed ITP	H	H	H	R
1	**Design Engineering**								
1.1	GA Drawing	Fabrication drawing	Purchase order requirements	Design Engr.	Part of submittal	H	H	H	R
2	**Material Handling**								
2.1	Material Requisition	Fabrication drawing	Design/drawing requirements	Design Engr.	Purchase Order	H	-	-	-
2.2	Material receipt	AMETECS LPO	Material to be as per LPO, clear MTC needed with specification, grade etc. For hoist/trolley, test reports to be present	Foreman or Fabrication Engineer	Signed Delivery note	H	-	-	-
2.3	Material Verification	AMETECS LPO	AMETECS QA/QC criteria	Fabrication Engr.	Material Receipt Insp.Rep. (MIR)	H	-	-	-
2.4	Material Storage	AMETECS Procedures	Structural steel to be appropriately stored in yard. Hoist/trolley to be kept at designated area in store	Fabrication Engr.	Material Receipt Insp.Rep. (MIR)	H	R	-	-
2.5	Consumables storage	Manufacturer's specifications	Welding electrodes to be stored in sealed packings	Foreman	Consumables inventory	H	R	-	-
3	**Welding**								
3.1	WPS and PQR	Section 8 of QCM	ASME Section IX	Fabrication Engr.	WPS, PQR	H	R	R	-
3.1.1	Test coupon welding and testing	ASME Section IX	ASME Sec. IX/Sec VIII Div 1	Fabrication Engr.	Variables sheet of PQR	H	R	-	-
3.1.2	Laboratory Testing	ASME Section IX	ASME Sec. IX/Sec VIII Div 1	Fabrication Engr.	Laboratory test reports	H	R	-	-
3.1.3	PQR Documentation	ASME Section IX	ASME Sec. IX	Fabrication Engr.	Approved PQR	H	R	-	-
3.2	Welder qualification	Section 8 of QCM	ASME Section IX	Fabrication Engr.	WPQ & List of Qualified Welders	H	R	R	-

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ITP No. : **AMT/ITP/JIB/JUB/2401**
Rev No. : **0**

Client	**: Jubail Island Investment Co.**	**Contractor**	**: Arabic Engineers/Gulf Contractors**	**Items**	**: Slewing jib crane, 1.5 T SWL**
Project	**: Jubail Island Infrastructure Works Package 4 (Bada Al Jubail)**	**Consultant**	**: Parsons**	**Tag no.**	**: For SPS-2**

OP No.	Activity Description	Controlling Procedure/ Document	Acceptance Criteria	Responsible Person	Records	AMETECS	ARABIC ENGR./ GCC	PARSONS	JIC
3.3	Welding consumables	Section 8 of QCM	ASME Section IX	Foreman	Consumables inventory	H	-	-	-
4	**Fabrication**								
4.1	Marking of material for cutting, followed by cutting	Fabrication drawing	AS per fabrication drawing	Fabrication Engr.	Inspection Reports	H	-	-	-
4.2	Machining of crane components	Fabrication drawing	Tolerances as per fabrication drawing	Foreman	Inspection Reports	H	-	-	-
4.3	Fit-up and welding of base plate to column	Fabrication drawing/WPS	Fit-up as per drawing/WPS. Fillet size as per drawing; no visual defects to be noticed after welding	Fabrication Engr.	Inspection Reports	H	-	-	-
4.4	Fit-up & welding of top plate to column	Fabrication drawing/WPS	Fit-up as per drawing/WPS. Fillet size as per drawing; no visual defects to be noticed after welding	Fabrication Engr.	Inspection Reports	H	-	-	-
4.5	Fit-up & welding of fulcrum pin, support and support assemblies	Fabrication drawing/WPS	Fit-up as per drawing/WPS. Fillet size as per drawing; no visual defects to be noticed after welding	Fabrication Engr.	Inspection Reports	H	R	-	-
4.6	Fit-up & welding of arm assembly	Fabrication drawing/WPS	Fit-up as per drawing/WPS. Fillet size as per drawing; no visual defects to be noticed after welding	Fabrication Engr.	Inspection Reports	H	R	-	-
4.7	MPI of all welded joints	Third party procedures	Welds to be free of any surface defects	QCE	NDE Reports	H	R	R	-
4.8	Final visual and dimension check	Fabrication drawing	All dimensions to be within tolerances specified	Operations Manager	Factory Inspection Report	H	R	-	-
5	**Load Test (at shop)**	AMETECS Procedures	Deflection to be within limits of BS EN 14985	Fabrication Engr.	Factory Load Test Certificate	H	W	-	-
6	**Coating**								

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Project	**: Jubail Island Infrastructure Works Package 4 (Bada Al Jubail)**	**Consultant**	**: Parsons**	**Tag no.**	**: For SPS-2**

OP No.	Activity Description	Controlling Procedure/ Document	Acceptance Criteria	Responsible Person	Records	AMETECS	ARABIC ENGR./ GCC	PARSONS	JIC
6.1	Surface preparation	ADSWS Section 15004	ASTM 123	Fabrication Engr.	Galvanizing Cert.	H	R	-	-
6.1	Hot dip galvanizing	ADSWS Section 15004	ASTM 123	Fabrication Engr.	Galvanizing Cert.	H	R	-	-
6.2	Primer/Intermediate coats	ADSWS Section 15004	100/175 microns	Fabrication Engr.	Painting Records	H	R	-	-
6.3	Final coats (RAL 1018)	ADSWS Section 15004	50 (Total DFT 325 microns)	Fabrication Engr.	Painting Records	H	R	R	-
7	**Documentation**								
7.1	Inspection Reports	ITP and reference documents	Material test certificates, painting reports, all QA/QC reports, hoist/trolley certificate, load chain certificate	Operations Manager	Crane Book	H	R	R	-
8	**Packaging/Transportation**								
8.1	Preparating for transportation	AMETECS packing list	Suitable for land transport	Foreman	Delivery Note	H	R	R	-
9	**Installation**								
9.1	Installation of column and base plate	AMETECS Procedures	Vertical alignment and level verified to be satisfactory	Installation In-charge	Installation Certificate	H	R	R	-
9.2	Installation of jib arm	AMETECS Procedures	Horizontal alignment to be satisfactory	Installation In-charge	Installation Certificate	H	R	-	-
9.3	Installation of arm support and bearing assembly	AMETECS Procedures	Arm to be fully level after installating support	Installation In-charge	Installation Certificate	H	R	R	-
9.4	Installation of hoist, trolley and other fixtures	AMETECS Procedures	Hoist/trolley to be properly seated on beam flange	Installation In-charge	Installation Certificate	H	R	-	-
9.5	Operational check of crane after installing all components	AMETECS Procedures	Slewing of crane to be verified. Also, hoist/trolley movements to be checked	Installation In-charge	Installation Certificate	H	W	R	-
10	**Load Test (after installation)**	Third party procedures	BS 7121 / BS EN 14985	Fabrication Engr.	Load Test Certificate	H	H	H	W
11	**Handing over**								
11.1	Crane book with all reports, certificates and relevant documents	PO requirements	-	Operations Manager	Crane Book	H	H	H	R

AMETECS	**PREVENTIVE MAINTENANCE CHECKLIST**	Effective Date: 1 May 2025	
		Document Code: IMS-QAQC-F05	
		Rev. No.00	Ref #:

DISCRIPTION	:	LATHE
MACHINE Sl. No	:	700069
INSPECTED BY	:	Senthil K
DATE	:	02/07/2026

Sl. No	Inspection Item	Status	Remarks
1	Clean machine exterior and working area	OK	
2	Remove chips and coolant residue from machine bed	OK	
3	Check lubrication oil level	OK	
4	Inspect chuck condition and cleanliness	OK	
5	Verify spindle operation and abnormal noise	OK	
6	Inspect tool holders and cutting tools	OK	
7	Inspect electrical panel	OK	
8	Inspect way covers and guide rails	OK	
9	Check tailstock alignment and operation	OK	
10	Check gearbox oil level	OK	
11	Verify machine leveling and alignment	OK	
12	Inspect lead screw and feed rod condition	OK	
13	Verify spindle operation and abnormal noise	OK	
14	Tighten loose bolts and fittings	OK	
15	Check carriage and cross-slide movement	OK	
16	Check motor performance	OK	
17	Calibrate machine accuracy	OK	

Prepared By	Approved By
Ananthakrishnan R	Amrith S

AMETECS	CALIBRATION REGISTER	Effective Date: 1 May 2025	
		Document Code: IMS-QAQC-F03	
		Rev. No.00	Ref #:

SN	Name & Description of Equipment	Serial Number	Calibration Frequency	Last Date of Calibration	Next Date of Calibration	Actual Calibration Date	Remarks
1	Pressure Gauge	9000PMPB	1 year	28-Jan-26	27-Jan-27	28-Jan-26	
2	Pressure Gauge	212739-4-48	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
3	Pressure Gauge	220070-7-70	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
4	Pressure Gauge	900029E1	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
5	Pressure Gauge	90254153-48-47	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
6	Pressure Gauge	90269694-74-1	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
7	Pressure Gauge	90269694-74-26	1 year	19-Jan-26	18-Jan-27	19-Jan-26	Rejected
8	Pressure Gauge	90269694-74-43	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
9	Pressure Gauge	PG-44129-03	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
10	Pressure Gauge	4357	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
11	Pressure Gauge	3H000NYBV3B	1 year	29-Jan-25	28-Jan-26	29-Jan-25	Rejected
12	Pressure Gauge	3H000NZ292H	1 year	16-Apr-25	15-Apr-26	16-Apr-25	Rejected
13	Pressure Gauge	3H000NYDV3D	1 year	16-Apr-25	15-Apr-26	16-Apr-25	Rejected
14	Pressure Gauge	3H000NVZCJE	1 year	18-Feb-26	17-Feb-27	18-Feb-26	
15	Pressure Gauge	3H000NWN42U	1 year	27-Apr-26	26-Apr-27	27-Apr-26	
16	Pressure Gauge	3H000NWTR3N	1 year	27-Apr-26	26-Apr-27	27-Apr-26	

17	Pressure Gauge	3H000NXYK3M	1 year	24-Apr-26	23-Apr-27	24-Apr-26	
18	Pressure Gauge	3H000NXS32Z	1 year	23-Jul-26	22-Jul-27	23-Jul-26	
19	Chart Recorder	E000005820/4/4	1 year	13-Nov-25	12-Nov-26	13-Nov-25	
20	Digital Caliper	M2412A02025	1 year	17-Sep-25	20-Sep-27	17-Sep-25	
21	Measuring Tape	040523-MT-01	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
22	Measuring Tape	C04585-MT-02	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
23	Measuring Tape	C04585-MT-03	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
24	Welding Machine	14141280KK	1 year	07-Aug-26	6-Aug-27	07-Aug-26	
25	Welding Machine	H102002205	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
26	Welding Machine	3607202403170	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
27	Welding Machine	11339/U108120	1 year	20-Oct-25	19-Oct-26	20-Oct-25	
28	Welding Machine	14141260KK	1 year	19-Jan-26	18-Jan-27	19-Jan-26	
29	Welding Machine	2302202411010	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
30	Welding	24031510	1 year	07-Aug-26	6-Aug-27	07-Aug-26	
31	Welding Machine	NE220168L	1 year	09-Oct-25	8-Oct-26	09-Oct-25	
32	Welding Machine	12F5L64774951	1 year	13-Nov-25	12-Nov-26	13-Nov-25	
33	DFT Meter	DJ0382	1 year	04-Jun-26	3-Jun-27	04-Jun-26	
34	Laser Distance	06402034	1 year	04-Jun-26	3-Jun-27	04-Jun-26	

AMETECS	CALIBRATION REGISTER	Effective Date: 1 May 2025	
		Document Code: IMS-QAQC-F03	
		Rev. No.00	Ref #:

35	Crane Scale	BHF804	1 year	12-Mar-26	11-Mar-27	12-Mar-26	
36	Torque Wrench	1304242981	1 year	28-Aug-25	20-Sep-27	28-Aug-25	
37	Infrared	07119672	1 year	13-Nov-25	12-Nov-26	13-Nov-25	
38	Automatic Control	0706002	1 year	13-Nov-25	12-Nov-26	13-Nov-25	
39	Digital Multimeter	98750156	1 year	11-Nov-25	10-Nov-26	11-Nov-25	
40	Thickness Gauge	250161111	1 year	04-Jun-26	3-Jun-27	04-Jun-26	

Ananthakrishnan R

Prepared By

Amrith s

Approved By

S/N	MACHINE / TOOLS / EQUIPMENT / VEHICLES	CHASSIS / SERIAL NOS	QTY	PLANNED MAINTENANCE DATE	ACTUAL MAINTENANCE DATE	REMARKS
1	Cutting Bandsaw	33	1	02/07/2026	02/07/2026	
2	Lathe Machine	700069	1	02/07/2026	02//07/2026	
3	Lathe Machine	900081	1	02/07/2026	02/07/2026	
4	Pressing Machine	-	1	02/07/2026	03//07/2026	
5	Radial Drill Machine	32	1	02/07/2026	03/07/2026	
6	Facing Lathe	51110	2	02/07/2026	03/07/2026	
7	Drilling Machine	105002	1	02/07/2026	04//07/2026	
8	Cutting Machine	-	1	02/07/2026	04/07/2026	
9	CNC Cutting Machine	KE2014046	1	02/07/2026	04/07/2026	
10	Welding Machine (MIG)	14141280KK	1	07/07/2026	07/07/2026	
11	Welding Machine (Saw)	H102002205	1	07/07/2026	07/07/2026	
12	Welding Machine	360720240317009	1	07/07/2026	07/07/2026	
13	Welding Machine	11339/U1081202824	1	07/07/2026	07/07/2026	
14	Welding Machine	14141260KK	1	07/07/2026	07/07/2026	
15	Welding Machine	230220241101003	1	07/07/2026	07/07/2026	

16	Welding Machine	24031510	1	07/07/2026	07/07/2026	
17	Welding Machine	NE220168L	1	07/07/2026	07/07/2026	
18	Welding Machine	12F5L647749510021540020	1	07/07/2026	08/07/2026	
19	Hydraulic Hole Punching Machine	3702	1	13/07/2026	13/07/2026	
20	Rollers	202512I0120T	1	13/07/2026	14/07/2026	
21	Rollers	202509D0120T	1	13/07/2026	14/07/2026	
22	Rollers	202509I0220T	1	13/07/2026	14/07/2026	
23	Rollers	202512D0120T	1	13/07/2026	14/07/2026	
24	Forklift	T32103.0305	1	15/07/2026	15/07/2026	
25	Forklift	-	1	16/07/2026	16/07/2026	
26	Car	76573	1	18/07/2026	18/07/2026	
27	Car	44489	1	22/07/2026	22/07/2026	

ANANTHAKRISHNAN R

Prepared By

Amrith s

Approved By

بـــدري لأجـهـزة الـقـيـاس والـتـحـكـم ذ.م.م
BADRI INSTRUMENTATION & CALIBRATION SERVICES LLC
Tel:+971 2 5552710 Email: albadrim@emirates.net.ae PO Box: 3476, Abu Dhabi, UAE
(Certified for ISO 9001:2015 & ISO/IEC 17025:2017 Standards)

Certificate of Calibration

Date of Issue: 23/07/2026

CERTIFICATE NUMBER	:	QA26-4783
JOB NUMBER	:	-
Issued by	:	Badri Instrumentation & Calibration Services

CUSTOMER DETAILS

Name: AL MAKKI ENGINEERING & TECHNICAL SERVICES
Abu Dhabi, United Arab Emirates

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Pressure Gauge**	
Manufacturer	: WIKA	
Model	: 232.50.100	
Serial Number	: **3H000NXS32Z**	
Type	: Analogue	
Gauge Diameter	: 100	mm
Range Maximum	: 60	bar
Dial Marked Range	: 0 ~ 60	bar
Readability	: 1	bar
Calibrated By	: Rajesh	
Calibration Date	: **July 23, 2026**	
Due Date	**: July 22, 2027**	

MEASUREMENT CONDITIONS

Pressure Medium	: Air	Gauge Position	: Vertical
Pressure Reference	: Pressure connecting area of UUC	Local Gravity	: 9.788837 m/s²

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : (**20.7°C** **±1)°C**

Relative Humidity : (**511% rh** **± 20) % rh**

CALIBRATION METHOD

The above equipment has been calibrated in accordance with BICS/LAB/LCP-01 as per **DKD-R 6-1: 03 /2014,** Sequence C.

The unit under calibration (UUC) was calibrated by comparison technique. The gauge pressure was measured in increasing and decreasing mode using digital test gauge as reference standard. The reference and the UUC were vertically fitted as equal height to a common PNEUMATIC base.

Results contained in this document relate only to the item calibrated. Calibration due dates appearing on the certificate or label are determined by the client for administrative purposes and do not imply continued conformance to specifications.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	SOURCE OF TRACEABILITY
DIGITAL TEST GAUGE	1140037	WIKA CPG1000 Traceable to ENAS LAB 157

Approved signature

This certificate may not be reproduced other than in full, unless permission for the publication of an approved extract has been obtained in writing from the Badri Instrumentation & Calibration Services. It does not of itself impute to the subject of the calibration any attributes beyond those shown by the data contained herein.

WIKA Part of your business
"Authorized Calibration & Service Center for WIKA"

بـــدري لأجـهـزة الـقـيـاس والـتـحـكـم ذ.م.م
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(Certified for ISO 9001:2015 & ISO/IEC 17025:2017 Standards)

CERTIFICATE OF CALIBRATION

CERTIFICATE NUMBER
QA26-4783

CLASSIFICATION

Calibrated Range 0 ~ 60 bar Gauge Pressure CL: 1.0

CALIBRATION TEST RESULTS

Pressure unit is mbar
The results below are based on the mentioned conditions on page 1 of the report.

Test Results:					
unit under calibration	reference up	reference down	average	deviation	uncertainty
bar	bar	bar	bar	bar	bar
0.000	0.000	0.000	0.000	0.000	0.578
10.000	9.780	9.800	9.790	0.210	0.578
20.000	19.830	19.850	19.840	0.160	0.578
40.000	39.880	39.992	39.936	0.064	0.580
60.000	59.991	59.991	59.991	0.009	0.578

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

TRACEABILITY

The measurements have been executed using standards for which the traceability of measurements to national or international standards, which realize the physical units of measurements (SI) .

REMARK (S) :

1. Two calibration tests were made.
2. The results relate to measurements in increasing and decreasing order.
3. No adjustments were made prior to verification.
4. No accessories were fitted.

~ END OF DOCUMENT ~

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