

Verification Report No.: CANEC26002477501 **Date:** Feb 28, 2026 **Page 1 of 14**

Client Name: SHENZHEN XINGLIAN TECHNOLOGY RESEARCH & DEVELOPMENT CO., LTD.
Client Address: 4A702, NO.4 FACTORY BUILDING, NO.7, GANI SIXTH ROAD, GANKENG COMMUNITY, JIHUA STREET, LONGGANG DISTRICT, SHENZHEN, CHINA

Sample Name: Air Quality Monitor

Tested Basic Model No.: DA10

The above sample(s) and information were provided by the client.

SGS Job No.: SZP26-004687
Sample Receiving Date: Jan 27, 2026
Verification Period: Jan 27, 2026 ~ Feb 28, 2026
Verification Requested: With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.
Verification Method(s): Please refer to next page(s).
Verification Result(s): Please refer to next page(s).

Test Result Summary:

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Tyler Zhang

Tyler-Y Zhang
Approved Signatory

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Photo of Submitted Sample



Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
 - (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
 - (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.



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Verification Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN26-0024775-0001.C001	Silver-gray fibre part
SN2	A2	CAN26-0024775-0001.C002	Grey plastic part
SN3	A3	CAN26-0024775-0001.C003	Grey fibre thread
SN4	A4	CAN26-0024775-0001.C004	Transparent plastic thread
SN5	A5	CAN26-0024775-0001.C005	White plastic button
SN6	A6	CAN26-0024775-0001.C006	Transparent plastic sheet with black&white printing
SN7	A7	CAN26-0024775-0001.C007	White plastic shell
SN8	A8	CAN26-0024775-0001.C008	Black adhesive rubber sheet
SN9	A9	CAN26-0024775-0001.C009	White plastic shell
SN10	A10	CAN26-0024775-0001.C010	Silvery metal screw
SN11	A11	CAN26-0024775-0001.C011	Black adhesive foam sheet
SN12	A12	CAN26-0024775-0001.C012	Dark grey adhesive foam sheet
SN13	A13	CAN26-0024775-0001.C013	Transparent adhesive plastic sheet
SN14	A14	CAN26-0024775-0001.C014	Green "PCB"
SN15	A15	CAN26-0024775-0001.C015	Silvery metal solder
SN16	A16	CAN26-0024775-0001.C016	White "PCB"
SN17	A17	CAN26-0024775-0001.C017	Silvery metal solder
SN18	A18	CAN26-0024775-0001.C018	Silvery metal frame
SN19	A19	CAN26-0024775-0001.C019	Beige plastic part
SN20	A20	CAN26-0024775-0001.C020	Black body
SN21	A21	CAN26-0024775-0001.C021	Black plastic part
SN22	A22	CAN26-0024775-0001.C022	Black plastic shell
SN23	A23	CAN26-0024775-0001.C023	Dark grey plastic part
SN24	A24	CAN26-0024775-0001.C024	Silvery/golden metal pin
SN25	A25	CAN26-0024775-0001.C025	Silvery metal part
SN26	A26	CAN26-0024775-0001.C026	Silvery metal pin
SN27	A27	CAN26-0024775-0001.C027	Silvery metal pin
SN28	A28	CAN26-0024775-0001.C028	Green "PCB"
SN29	A29	CAN26-0024775-0001.C029	Silvery metal solder
SN30	A30	CAN26-0024775-0001.C030	Black block (envelopment)
SN31	A31	CAN26-0024775-0001.C031	Black plastic button
SN32	A32	CAN26-0024775-0001.C032	Black plastic part
SN33	A33	CAN26-0024775-0001.C033	Black translucent adhesive plastic sheet
SN34	A34	CAN26-0024775-0001.C034	Green transparent glue
SN35	A35	CAN26-0024775-0001.C035	Transparent adhesive plastic sheet with multicolor printing
SN36	A36	CAN26-0024775-0001.C036	Transparent glass sheet with liquid
SN37	A37	CAN26-0024775-0001.C037	Black translucent adhesive plastic sheet
SN38	A38	CAN26-0024775-0001.C038	White/black adhesive plastic sheet
SN39	A39	CAN26-0024775-0001.C039	Transparent plastic sheet with white printing
SN40	A40	CAN26-0024775-0001.C040	Black/silvery adhesive plastic sheet
SN41	A41	CAN26-0024775-0001.C041	Silvery metal frame
SN42	A42	CAN26-0024775-0001.C042	Black plastic shell
SN43	A43	CAN26-0024775-0001.C043	Black plastic (cable jacket)
SN44	A44	CAN26-0024775-0001.C044	Silvery metal frame
SN45	A45	CAN26-0024775-0001.C045	Silvery metal solder



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SN ID	Sample No.	SGS Sample ID	Description
SN46	A46	CAN26-0024775-0001.C046	White plastic part
SN47	A47	CAN26-0024775-0001.C047	Silvery metal pin (base)
SN48	A48	CAN26-0024775-0001.C048	Black plastic (wire insulation)
SN49	A49	CAN26-0024775-0001.C049	Pink plastic (wire insulation)
SN50	A50	CAN26-0024775-0001.C050	Green "PCB"
SN51	A51	CAN26-0024775-0001.C051	Silvery metal solder
SN52	A52	CAN26-0024775-0001.C052	Dark grey plastic part
SN53	A53	CAN26-0024775-0001.C053	Golden metal pin
SN54	A54	CAN26-0024775-0001.C054	Pink plastic shell
SN55	A55	CAN26-0024775-0001.C055	Pink plastic button
SN56	A56	CAN26-0024775-0001.C056	Pink plastic shell
SN57	A57	CAN26-0024775-0001.C057	Grey plastic shell
SN58	A58	CAN26-0024775-0001.C058	Grey plastic button
SN59	A59	CAN26-0024775-0001.C059	Grey plastic shell



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Verification Result(s):

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified. (Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A2	A3	A4	A5	A6	A7	A8
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	ND	BL	BL	BL	BL	BL	BL
PBDE	BL	153	BL	BL	BL	BL	BL	BL
DEHP	ND	ND	ND	ND	BL	BL	BL	BL
BBP	ND	ND	ND	ND	BL	BL	BL	BL
DBP	ND	ND	ND	ND	BL	BL	BL	BL
DIBP	ND	ND	ND	ND	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A9	A10	A11	A12	A13	A14	A15	A16
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	---	BL	BL	BL	ND	---	BL
PBDE	BL	---	BL	BL	BL	ND	---	BL
DEHP	BL	---	BL	BL	BL	ND	---	BL
BBP	BL	---	BL	BL	BL	ND	---	BL
DBP	BL	---	BL	BL	BL	ND	---	BL
DIBP	BL	---	BL	BL	BL	ND	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
Pb	BL	BL	BL	OL▲	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	ND	BL	BL	BL	BL	BL	BL
PBB	---	---	BL	ND	ND	ND	BL	---
PBDE	---	---	BL	ND	ND	ND	BL	---
DEHP	---	---	BL	ND	ND	ND	BL	---
BBP	---	---	BL	ND	ND	ND	BL	---
DBP	---	---	BL	ND	ND	ND	BL	---
DIBP	---	---	BL	ND	ND	ND	BL	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL



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Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
PBB	---	---	---	ND	---	BL	BL	ND
PBDE	---	---	---	ND	---	BL	BL	ND
DEHP	---	---	---	ND	---	BL	BL	ND
BBP	---	---	---	ND	---	BL	BL	ND
DBP	---	---	---	ND	---	BL	BL	ND
DIBP	---	---	---	ND	---	BL	BL	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A33	A34	A35	A36	A37	A38	A39	A40
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	ND	BL	ND	BL	BL	BL	BL
BBP	BL	ND	BL	ND	BL	BL	BL	BL
DBP	BL	ND	BL	ND	BL	BL	BL	BL
DIBP	BL	ND	BL	ND	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A41	A42	A43	A44	A45	A46	A47	A48
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	ND	BL	BL	BL	BL
PBB	---	BL	BL	---	---	BL	---	BL
PBDE	---	BL	BL	---	---	BL	---	BL
DEHP	---	ND	ND	---	---	BL	---	ND
BBP	---	ND	ND	---	---	BL	---	ND
DBP	---	ND	ND	---	---	BL	---	ND
DIBP	---	ND	ND	---	---	BL	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	ND	---	BL	---	BL	BL	BL
PBDE	BL	ND	---	BL	---	BL	BL	BL
DEHP	ND	ND	---	BL	---	BL	BL	BL
BBP	ND	ND	---	BL	---	BL	BL	BL
DBP	ND	ND	---	BL	---	BL	BL	BL
DIBP	ND	ND	---	BL	---	BL	BL	BL



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Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A57	A58	A59
Pb	BL	BL	BL
Hg	BL	BL	BL
Cd	BL	BL	BL
Cr(VI)▼	BL	BL	BL
PBB	BL	BL	BL
PBDE	BL	BL	BL
DEHP	BL	BL	BL
BBP	BL	BL	BL
DBP	BL	BL	BL
DIBP	BL	BL	BL
Conclusion	PASS	PASS	PASS



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Notes:

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL = Over Limit, IN (The symbol X marks the region) = Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) below the limits are shown as "BL". Further chemical testing by GC-MS is to be performed if the results exceed limits.

Test Items	CAS No.
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate (DIBP)	84-69-5

(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL = Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Hg	Cd	DEHP	BBP	DBP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBB and PBDE is 100 mg/kg,

MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.

MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ = Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).

b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating

c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.



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(4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBB/PBDE/DEHP/BBP/DBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.

(5) IEC 62321 series is equivalent to EN 62321 series.

(6) ▲=According to the declaration from the client, Lead (Pb) in No.A20 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 7(a)]: Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

More information about exemption can be found via the following link:

<https://rohs.sgsonline.com.cn/PDFLinks/en/RSTS-TP-037%20RoHS%20Exemption%20%28EN%29.pdf>

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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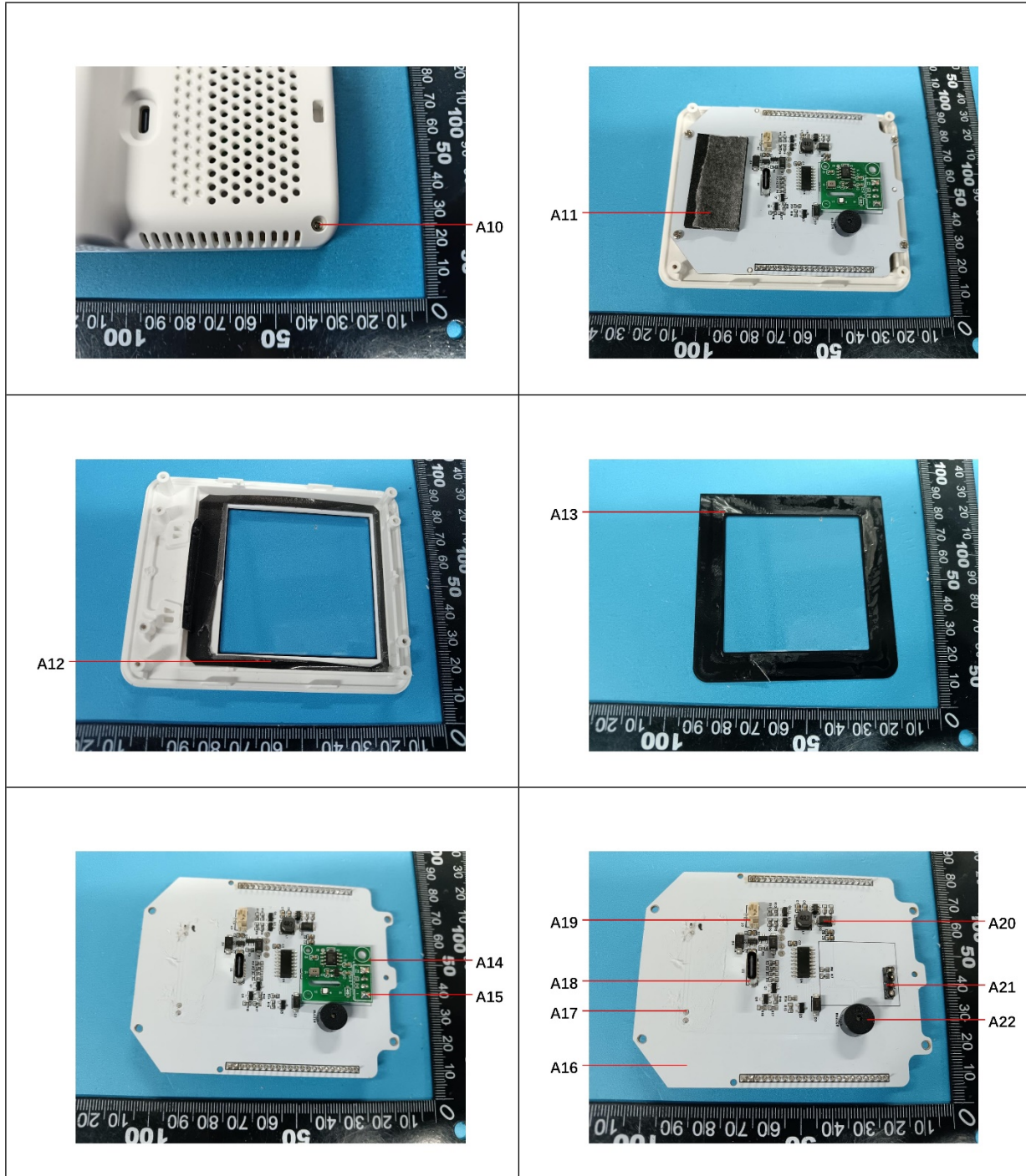


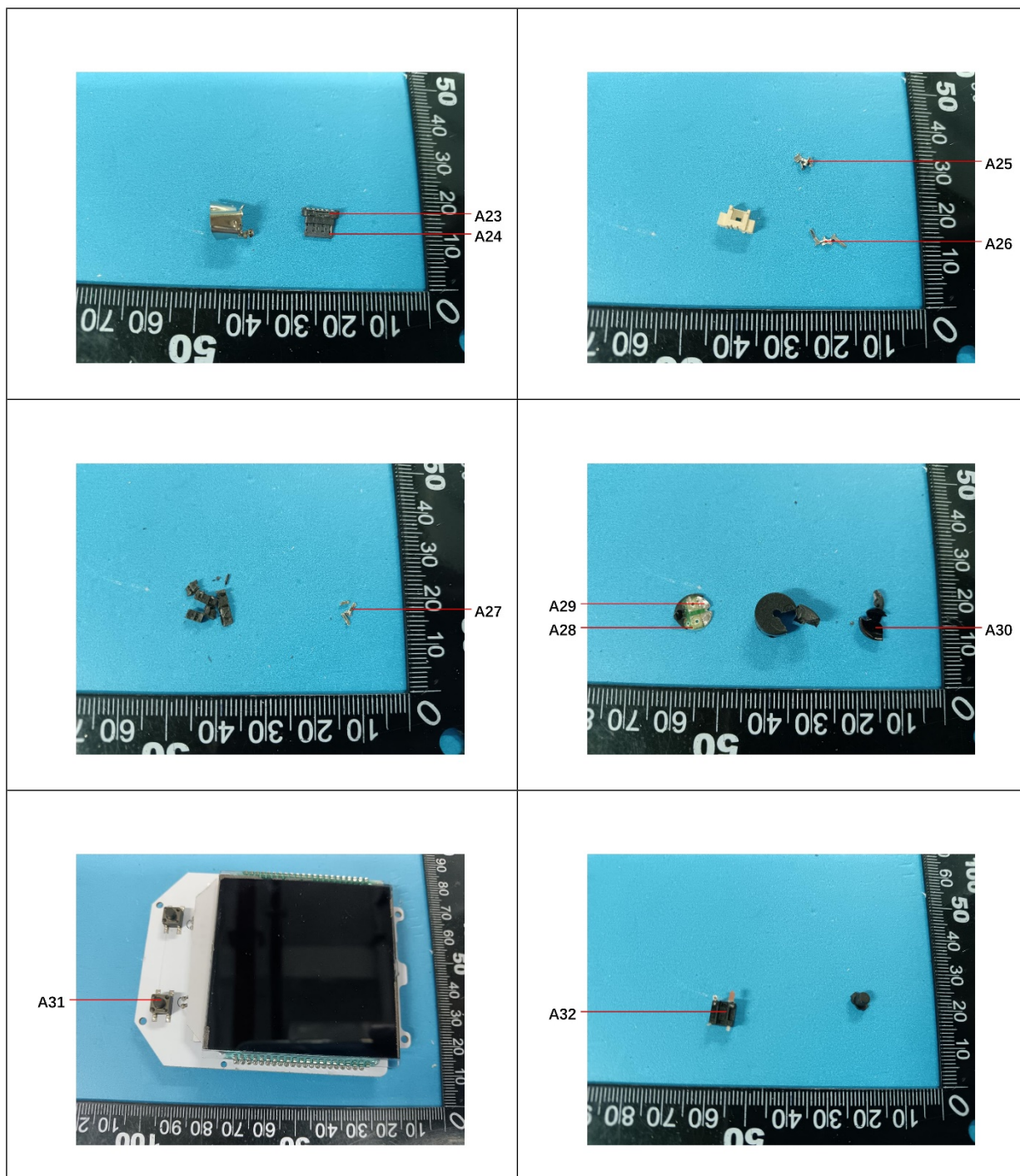
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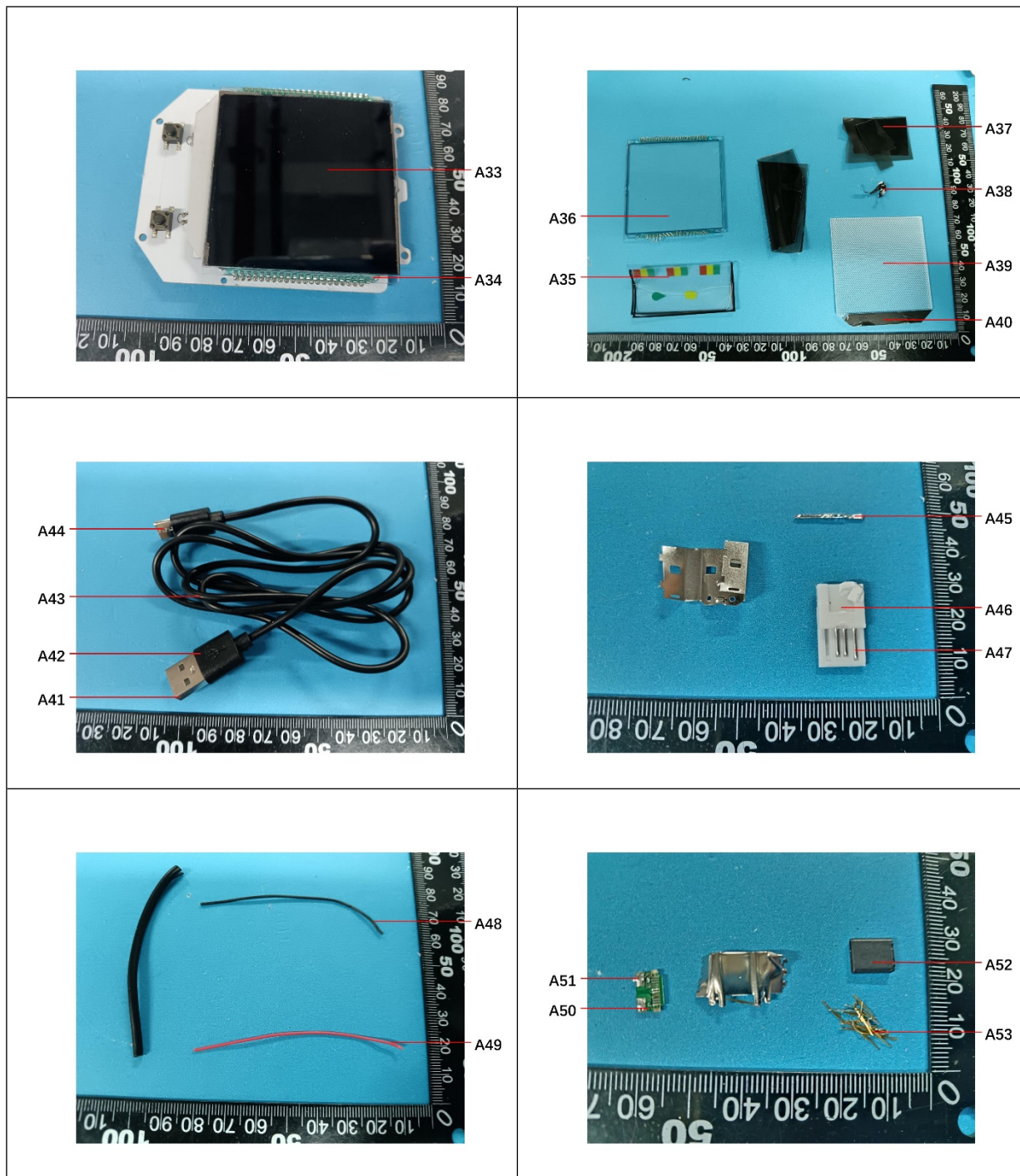
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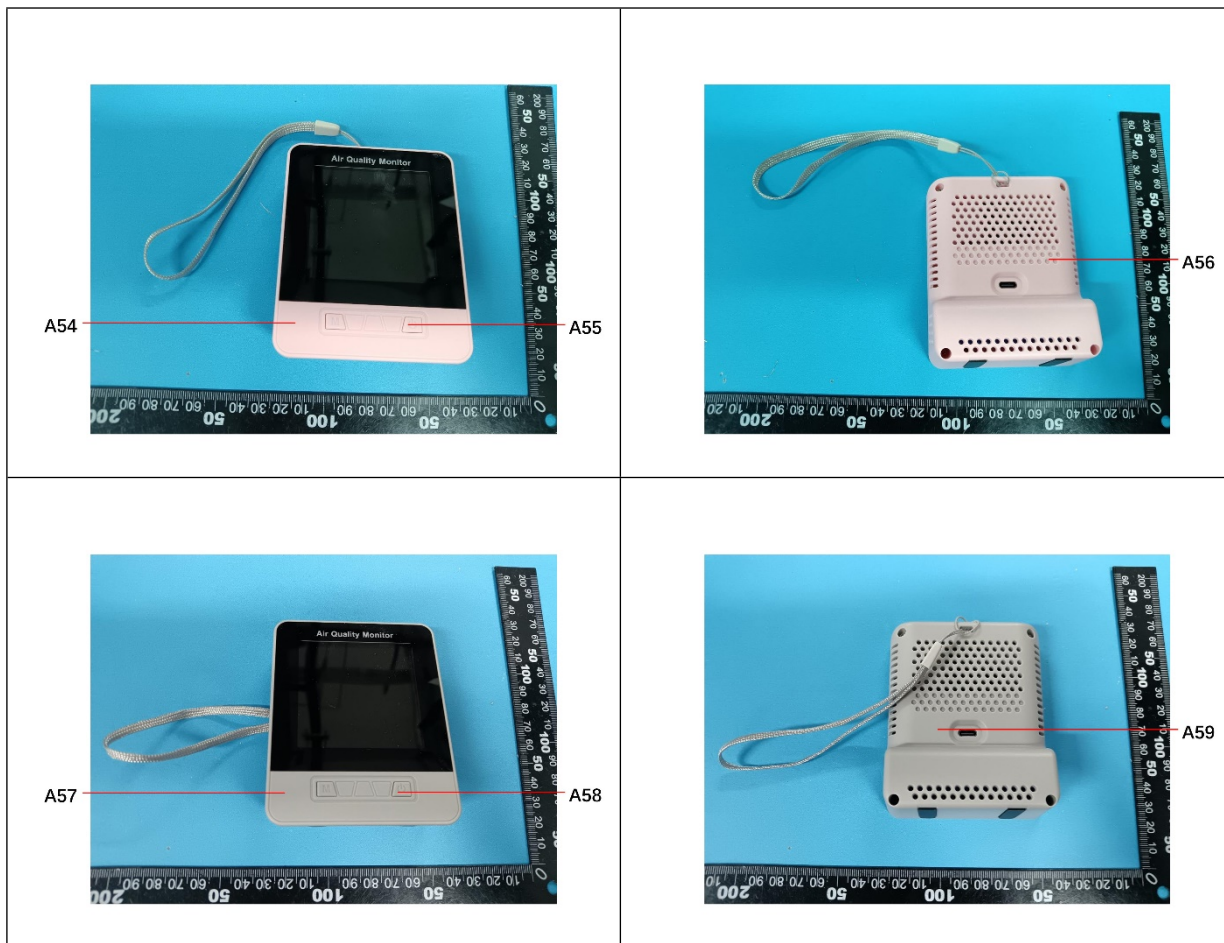
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