

Client Name: ENLENIDA (BEIJING) AUTOMATION CO.,LTD.

Client Address: 3RD FLOOR, BUILDING 2, NO. 15, XINGSHENG STREET,BEIJING ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE,BEIJING, CHINA

Sample Name: Damper Actuator

Model No.: EA700-S3.5D230-S

Client Ref. Information: EA700-S3.5 Series、EF800-3.5 Series

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

SGS Job No.: TJP26-000301

Sample Receiving Date: Jan 21, 2026

Verification Period: Jan 21, 2026 ~ Mar 26, 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 (Tianjin) Co., Ltd.



Patrick Kou
Approved Signatory

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9CD62787



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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	TSN26-0002901-0001.C001	Silvery metal
SN2	A2	TSN26-0002901-0001.C002	Silvery metal
SN3	A3	TSN26-0002901-0001.C003	Gray metal
SN4	A4	TSN26-0002901-0001.C004	Silvery metal
SN5	A5	TSN26-0002901-0001.C005	Silvery metal
SN6	A6	TSN26-0002901-0001.C006	Silvery metal
SN7	A7	TSN26-0002901-0001.C007	Silvery metal
SN8	A8	TSN26-0002901-0001.C008	Silvery metal(bolt)
SN9	A9	TSN26-0002901-0001.C009	Red plastic
SN10	A10	TSN26-0002901-0001.C010	Silvery metal(nut)
SN11	A11	TSN26-0002901-0001.C011	Silvery metal(bolt)
SN12	A12	TSN26-0002901-0001.C012	Silvery metal(bolt)
SN13	A13	TSN26-0002901-0001.C013	Silvery metal(bolt)
SN14	A14	TSN26-0002901-0001.C014	White plastic
SN15	A15	TSN26-0002901-0001.C015	White plastic
SN16	A16	TSN26-0002901-0001.C016	Silvery metal
SN17	A17	TSN26-0002901-0001.C017	White plastic
SN18	A18	TSN26-0002901-0001.C018	White plastic
SN19	A19	TSN26-0002901-0001.C019	Black metal
SN20	A20	TSN26-0002901-0001.C020	Black plastic
SN21	A21	TSN26-0002901-0001.C021	White plastic
SN22	A22	TSN26-0002901-0001.C022	Black metal
SN23	A23	TSN26-0002901-0001.C023	Semitransparent paste
SN24	A24	TSN26-0002901-0001.C024	Black metal
SN25	A25	TSN26-0002901-0001.C025	Black metal
SN26	A26	TSN26-0002901-0001.C026	White plastic
SN27	A27	TSN26-0002901-0001.C027	White plastic
SN28	A28.1	TSN26-0002901-0001.C028.C001	Black rubber(A28 improved sample submitted by 2026-3-20)
SN29	A29	TSN26-0002901-0001.C029	Silvery metal
SN30	A30	TSN26-0002901-0001.C030	Blue plastic
SN31	A31	TSN26-0002901-0001.C031	Silvery metal
SN32	A32	TSN26-0002901-0001.C032	Gray plastic
SN33	A33	TSN26-0002901-0001.C033	Gray plastic
SN34	A34	TSN26-0002901-0001.C034	Silvery metal
SN35	A35	TSN26-0002901-0001.C035	Silvery metal
SN36	A36	TSN26-0002901-0001.C036	Silvery metal
SN37	A37	TSN26-0002901-0001.C037	Blue plastic
SN38	A38	TSN26-0002901-0001.C038	Copper-colored metal
SN39	A39	TSN26-0002901-0001.C039	Black chip(body)(PCB)
SN40	A40	TSN26-0002901-0001.C040	Black chip(body)(PCB)
SN41	A41	TSN26-0002901-0001.C041	Black SMD audion(PCB)
SN42	A42	TSN26-0002901-0001.C042	Black inductor(PCB)
SN43	A43	TSN26-0002901-0001.C043	Black chip(body)(PCB)
SN44	A44	TSN26-0002901-0001.C044	Yellow plastic(adhesive tape)(transformer)(PCB)
SN45	A45	TSN26-0002901-0001.C045	Black plastic(transformer)(PCB)
SN46	A46	TSN26-0002901-0001.C046	Black chip(body)(PCB)



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SN ID	Sample No.	SGS Sample ID	Description
SN47	A47	TSN26-0002901-0001.C047	Red glass diode(PCB)
SN48	A48	TSN26-0002901-0001.C048	Black SMD diode(PCB)
SN49	A49	TSN26-0002901-0001.C049	Black chip(body)(PCB)
SN50	A50	TSN26-0002901-0001.C050	Black chip(body)(PCB)
SN51	A51	TSN26-0002901-0001.C051	Silvery metal(soldering tin)(PCB)
SN52	A52	TSN26-0002901-0001.C052	Green PCB
SN53	A53	TSN26-0002901-0001.C053	Copper-colored metal
SN54	A54	TSN26-0002901-0001.C054	Copper-colored metal
SN55	A55	TSN26-0002901-0001.C055	Silvery metal
SN56	A56	TSN26-0002901-0001.C056	White plastic
SN57	A57	TSN26-0002901-0001.C057	Silvery metal
SN58	A58	TSN26-0002901-0001.C058	Silvery metal
SN59	A59	TSN26-0002901-0001.C059	White plastic
SN60	A60	TSN26-0002901-0001.C060	Silvery metal
SN61	A61	TSN26-0002901-0001.C061	Silvery metal(soldering tin)
SN62	A62	TSN26-0002901-0001.C062	Semitransparent plastic
SN63	A63	TSN26-0002901-0001.C063	Black rubber(electrolytic capacitor)(PCB)
SN64	A64	TSN26-0002901-0001.C064	Black plastic(electrolytic capacitor)(PCB)
SN65	A65	TSN26-0002901-0001.C065	Black rubber(electrolytic capacitor)(PCB)
SN66	A66	TSN26-0002901-0001.C066	Black plastic(electrolytic capacitor)(PCB)
SN67	A67	TSN26-0002901-0001.C067	Black rubber(electrolytic capacitor)(PCB)
SN68	A68	TSN26-0002901-0001.C068	Black plastic(electrolytic capacitor)(PCB)
SN69	A69	TSN26-0002901-0001.C069	Black plastic
SN70	A70	TSN26-0002901-0001.C070	Black plastic
SN71	A71	TSN26-0002901-0001.C071	Gray plastic
SN72	A72	TSN26-0002901-0001.C072	Copper-colored metal
SN73	A73.1	TSN26-0002901-0001.C073.C001	Silvery metal(soldering tin)(A73 improved sample submitted by 2026-3-20)
SN74	A74	TSN26-0002901-0001.C074	Silvery metal
SN75	A75	TSN26-0002901-0001.C075	Silvery metal
SN76	A76	TSN26-0002901-0001.C076	Yellow plastic
SN77	A77	TSN26-0002901-0001.C077	Green plastic(jacket)
SN78	A78	TSN26-0002901-0001.C078	White plastic(sheath)
SN79	A79	TSN26-0002901-0001.C079	Purple plastic(jacket)
SN80	A80	TSN26-0002901-0001.C080	Yellow plastic(jacket)
SN81	A81	TSN26-0002901-0001.C081	Black plastic(sheath)
SN82	A82	TSN26-0002901-0001.C082	White plastic
SN83	A83	TSN26-0002901-0001.C083	Gray plastic(jacket)
SN84	A84	TSN26-0002901-0001.C084	White plastic(jacket)
SN85	A85	TSN26-0002901-0001.C085	Blue plastic(jacket)
SN86	A86.1	TSN26-0002901-0001.C086.C001	Black plastic(A86 improved sample submitted by 2026-3-20)
SN87	A87	TSN26-0002901-0001.C087	Blue plastic(jacket)
SN88	A88	TSN26-0002901-0001.C088	Brown plastic(jacket)
SN89	A89	TSN26-0002901-0001.C089	Yellow plastic(sheath)
SN90	A90	TSN26-0002901-0001.C090	Black plastic(sheath)



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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)▼	ND	ND	ND	ND	ND	ND	ND	ND
PBB	---	---	---	---	---	---	---	---
PBDE	---	---	---	---	---	---	---	---
DEHP	---	---	---	---	---	---	---	---
BBP	---	---	---	---	---	---	---	---
DBP	---	---	---	---	---	---	---	---
DIBP	---	---	---	---	---	---	---	---
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	ND	ND	BL	ND	BL	BL	ND
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	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
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	ND	BL	BL	BL	BL	ND
PBB	BL	BL	---	ND	BL	---	BL	---
PBDE	BL	BL	---	ND	BL	---	BL	---
DEHP	BL	BL	---	ND	BL	---	<1000*	---
BBP	BL	BL	---	ND	BL	---	<1000*	---
DBP	BL	BL	---	ND	BL	---	<1000*	---
DIBP	BL	BL	---	ND	BL	---	<1000*	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A25	A26	A27	A28.1	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)▼	ND	BL	BL	BL	ND	BL	ND	BL



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Test Item(s)	A25	A26	A27	A28.1	A29	A30	A31	A32
PBB	---	BL	BL	BL	---	BL	---	BL
PBDE	---	BL	BL	BL	---	BL	---	BL
DEHP	---	BL	BL	ND	---	BL	---	BL
BBP	---	BL	BL	ND	---	BL	---	BL
DBP	---	BL	BL	ND	---	BL	---	BL
DIBP	---	BL	BL	ND	---	BL	---	BL
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	OL▲	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	ND	BL	BL
PBB	BL	---	---	---	BL	---	BL	BL
PBDE	BL	---	---	---	BL	---	BL	BL
DEHP	BL	---	---	---	BL	---	BL	BL
BBP	BL	---	---	---	BL	---	BL	BL
DBP	BL	---	---	---	BL	---	BL	BL
DIBP	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	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	BL	BL	<1000*	BL	BL	BL	BL
BBP	BL	BL	BL	<1000*	BL	BL	BL	BL
DBP	BL	BL	BL	<1000*	BL	BL	BL	BL
DIBP	BL	BL	BL	<1000*	BL	BL	BL	BL
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	19923▲	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	ND	BL
PBB	BL	BL	---	ND	---	---	---	BL
PBDE	BL	BL	---	ND	---	---	---	BL
DEHP	BL	BL	---	ND	---	---	---	BL
BBP	BL	BL	---	ND	---	---	---	BL
DBP	BL	BL	---	ND	---	---	---	BL
DIBP	BL	BL	---	ND	---	---	---	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	A60	A61	A62	A63	A64
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	ND	BL	BL	BL	BL	BL	BL
PBB	---	---	BL	---	---	BL	BL	BL
PBDE	---	---	BL	---	---	BL	BL	BL
DEHP	---	---	BL	---	---	BL	BL	BL
BBP	---	---	BL	---	---	BL	BL	BL
DBP	---	---	BL	---	---	BL	BL	BL
DIBP	---	---	BL	---	---	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A65	A66	A67	A68	A69	A70	A71	A72
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	ND	ND	---
PBDE	BL	BL	BL	BL	ND	ND	ND	---
DEHP	BL	BL	BL	BL	ND	ND	ND	---
BBP	BL	BL	BL	BL	ND	ND	ND	---
DBP	BL	BL	BL	BL	ND	ND	ND	---
DIBP	BL	BL	BL	BL	ND	ND	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A73.1	A74	A75	A76	A77	A78	A79	A80
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
PBDE	---	---	---	BL	BL	BL	BL	BL
DEHP	---	---	---	BL	BL	BL	BL	BL
BBP	---	---	---	BL	BL	BL	BL	BL
DBP	---	---	---	BL	BL	BL	BL	BL
DIBP	---	---	---	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A81	A82	A83	A84	A85	A86.1	A87	A88
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL



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Test Item(s)	A81	A82	A83	A84	A85	A86.1	A87	A88
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	BL	BL	BL	BL	259	BL	BL
BBP	BL	BL	BL	BL	BL	ND	BL	BL
DBP	BL	BL	BL	BL	BL	ND	BL	BL
DIBP	BL	BL	BL	BL	BL	ND	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A89	A90
Pb	BL	BL
Hg	BL	BL
Cd	BL	BL
Cr(VI)▼	BL	BL
PBB	BL	BL
PBDE	BL	BL
DEHP	BL	BL
BBP	BL	BL
DBP	BL	BL
DIBP	BL	BL
Conclusion	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

- 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).
- 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
- 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) *= Considering insufficient sample amount, the Report limit (RL) is raised appropriately.
- (7) ▲According to the declaration from the client, Lead (Pb) in No.A39 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 7(c)-II]: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

According to the declaration from the client, Lead (Pb) in No. A53 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 6(c)]: Copper alloy containing up to 4 % lead by weight.

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>

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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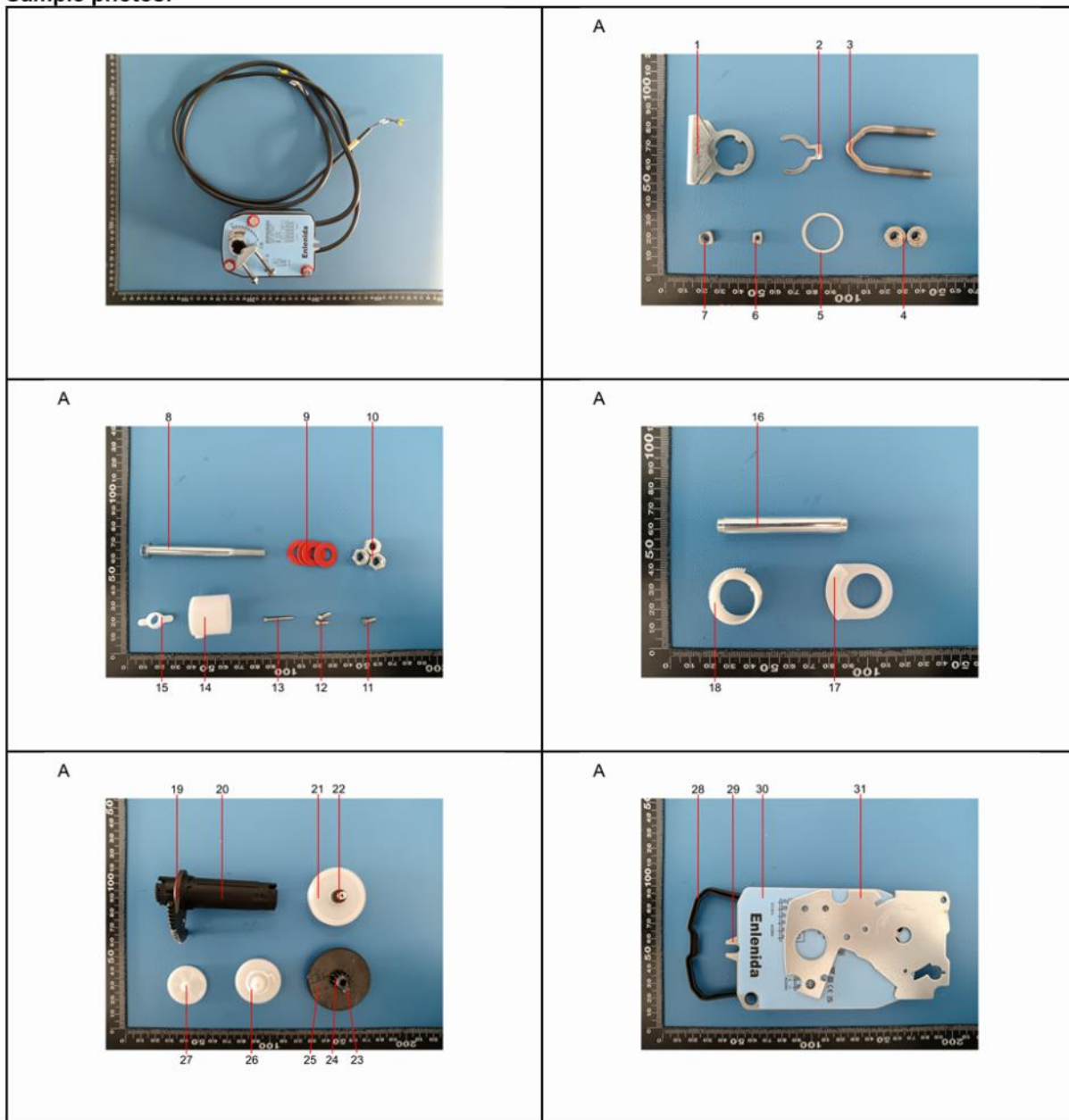
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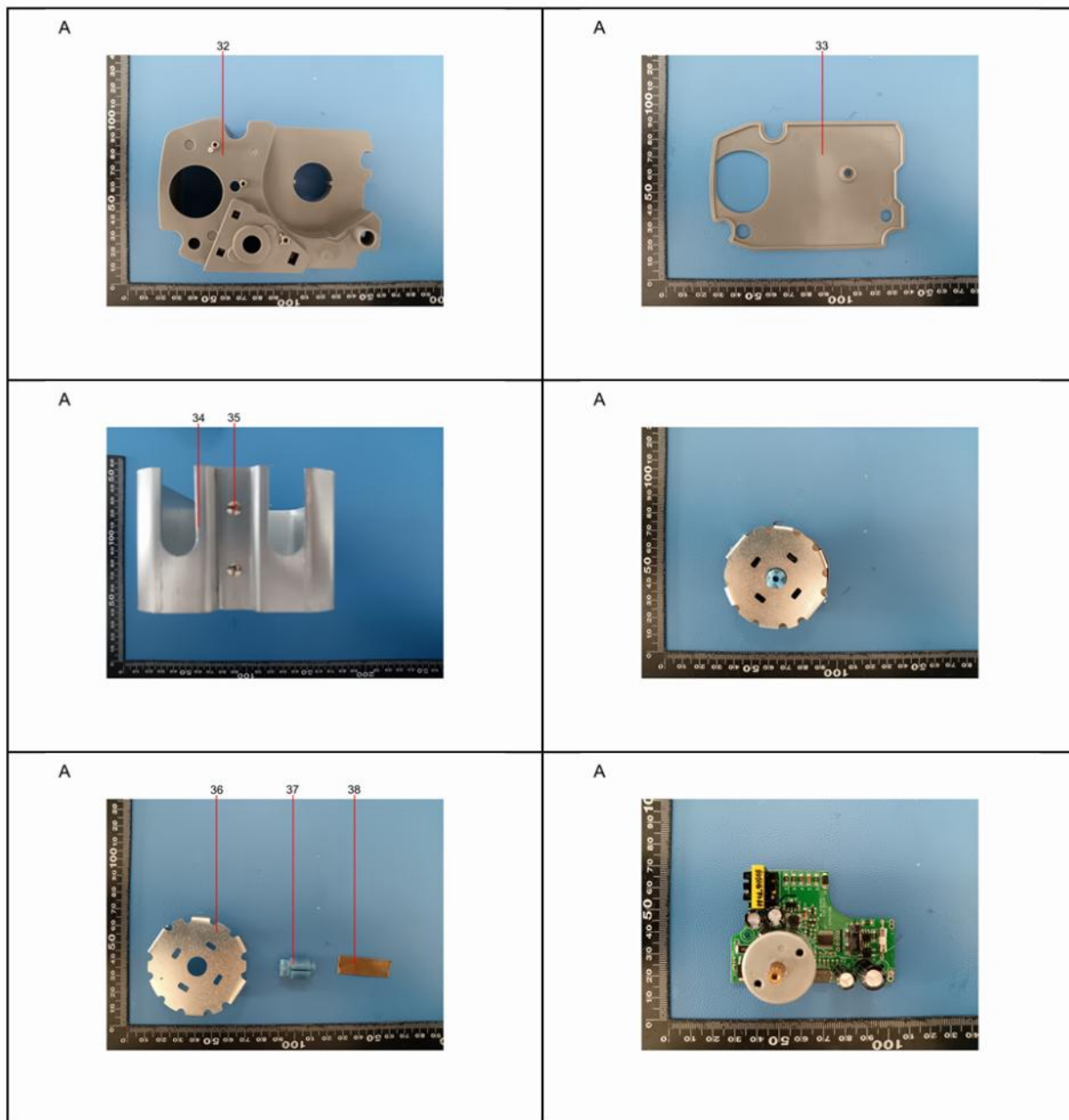


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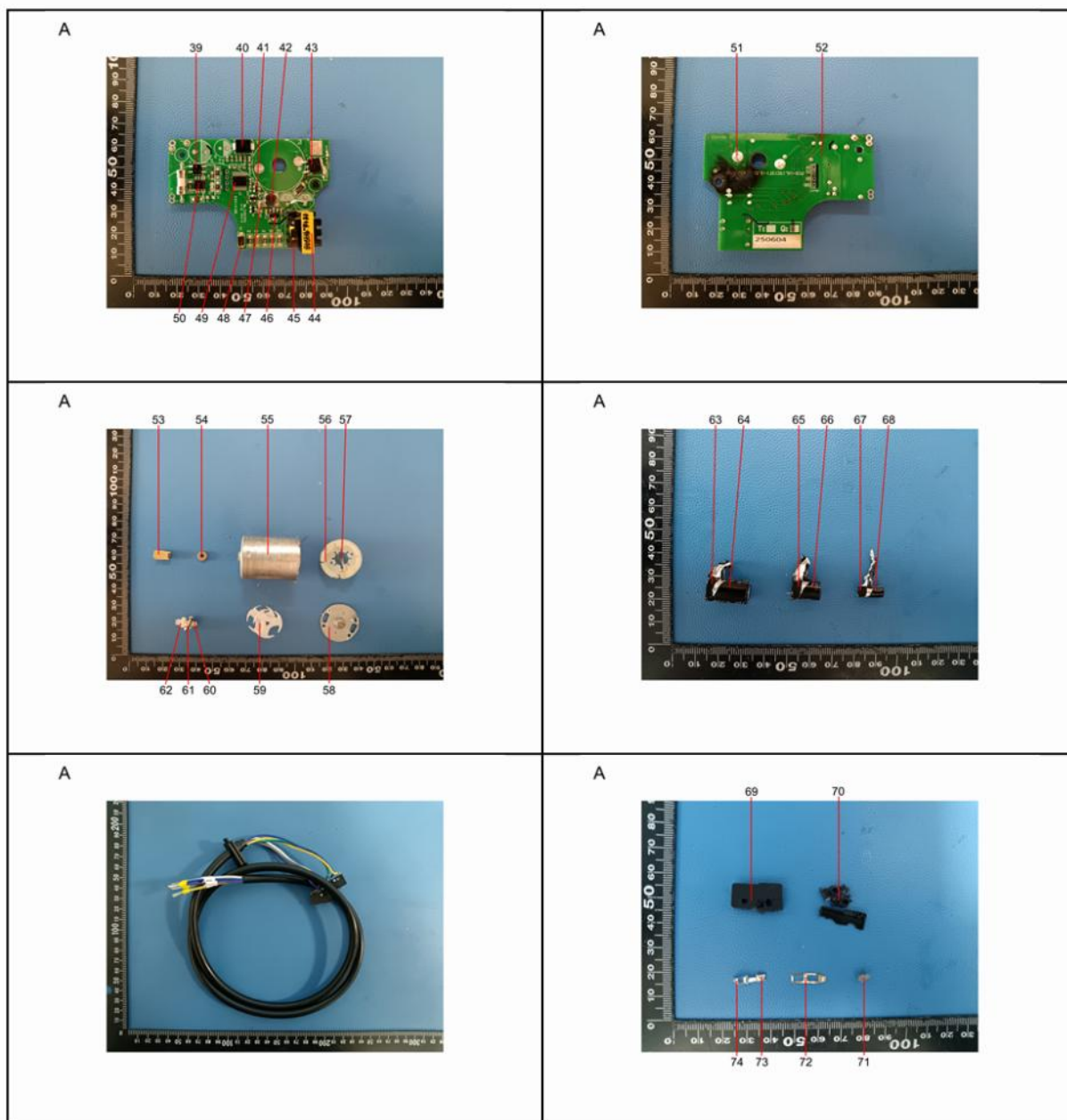
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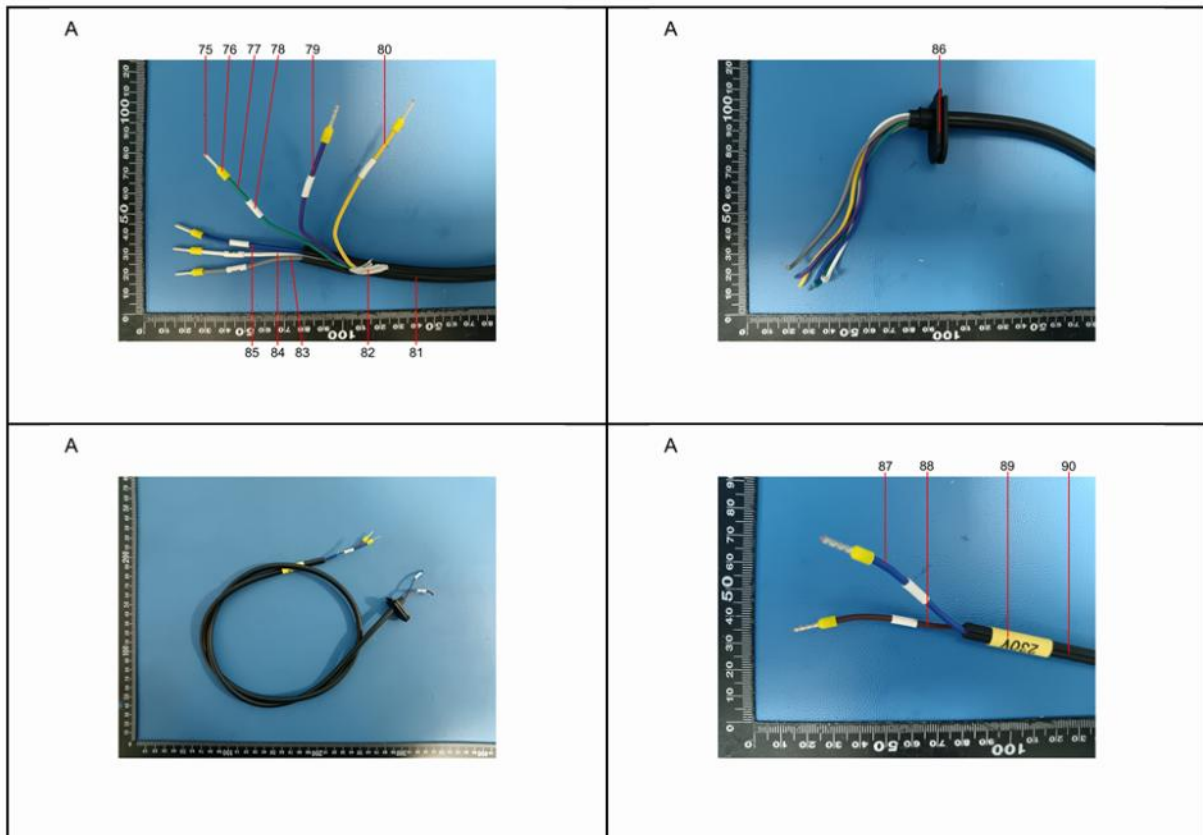
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