

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 1 of 123

Client Name: Renac Power Technology Co., Ltd.

Client Address: Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, Suzhou, China

Sample Name: Outdoor C&I Battery System

Model No.: BS100-E

Client Ref. Information: BS100-E, BS90-E, BS80-E

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

SGS Job No.: SHP24-003404

Sample Receiving Date: May 29, 2024

Testing Period: May 29, 2024 ~ Jul 10, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Regulation (EU) No 2023/1542 Article 6(1), Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organostannic compounds	Pass
Regulation (EU) No 2023/1542 Article 6(1), Entry 50 of Regulation (EU) 2021/1199 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
Regulation (EU) No 2023/1542 Article 6(1), Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Tom Ni

Tom Ni
Approved Signatory

scan to see the report



EC5BE8D7



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Result(s):

Photo of Submitted Sample



SGS authenticate the photo on original report only

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA24-0113185-0001.C001	Gray adhesive foam
SN2	A2	SHA24-0113185-0001.C002	Black rubber
SN3	A3	SHA24-0113185-0001.C003	Gray adhesive foam
SN4	A4	SHA24-0113185-0001.C004	Black plastic
SN5	A5	SHA24-0113185-0001.C005	Black rubber
SN6	A6	SHA24-0113185-0001.C006	Black rubber
SN7	A7	SHA24-0113185-0001.C007	Black plastic
SN8	A8	SHA24-0113185-0001.C008	Black plastic
SN9	A9	SHA24-0113185-0001.C009	White plastic
SN10	A10	SHA24-0113185-0001.C010	Red plastic
SN11	A11	SHA24-0113185-0001.C011	Transparent plastic
SN12	A12	SHA24-0113185-0001.C012	White plastic
SN13	A13	SHA24-0113185-0001.C013	Black plastic
SN14	A14	SHA24-0113185-0001.C014	Black plastic
SN15	A15	SHA24-0113185-0001.C015	Black plastic
SN16	A16	SHA24-0113185-0001.C016	Black plastic
SN17	A17	SHA24-0113185-0001.C017	White plastic
SN18	A18	SHA24-0113185-0001.C018	White plastic
SN19	A19	SHA24-0113185-0001.C019	White/Black adhesive plastic
SN20	A20	SHA24-0113185-0001.C020	White plastic
SN21	A21	SHA24-0113185-0001.C021	White plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 3 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN22	A22	SHA24-0113185-0001.C022	White adhesive
SN23	A23	SHA24-0113185-0001.C023	Black plastic
SN24	A24	SHA24-0113185-0001.C024	Black epoxy
SN25	A25	SHA24-0113185-0001.C025	Black plastic
SN26	A26	SHA24-0113185-0001.C026	Blue plastic
SN27	A27	SHA24-0113185-0001.C027	Black plastic
SN28	A28	SHA24-0113185-0001.C028	Black epoxy
SN29	A29	SHA24-0113185-0001.C029	Blue PCB
SN30	A30	SHA24-0113185-0001.C030	Gray plastic
SN31	A31	SHA24-0113185-0001.C031	Orange plastic
SN32	A32	SHA24-0113185-0001.C032	Gray plastic
SN33	A33	SHA24-0113185-0001.C033	Black plastic
SN34	A34	SHA24-0113185-0001.C034	Black plastic
SN35	A35	SHA24-0113185-0001.C035	Gray plastic
SN36	A36	SHA24-0113185-0001.C036	Red plastic
SN37	A37	SHA24-0113185-0001.C037	Blue plastic
SN38	A38	SHA24-0113185-0001.C038	Gray plastic
SN39	A39	SHA24-0113185-0001.C039	Gray plastic
SN40	A40	SHA24-0113185-0001.C040	Gray plastic
SN41	A41	SHA24-0113185-0001.C041	White plastic
SN42	A42	SHA24-0113185-0001.C042	Gray plastic
SN43	A43	SHA24-0113185-0001.C043	Gray plastic
SN44	A44	SHA24-0113185-0001.C044	Gray plastic
SN45	A45	SHA24-0113185-0001.C045	Gray plastic
SN46	A46	SHA24-0113185-0001.C046	Brown plastic
SN47	A47	SHA24-0113185-0001.C047	Gray plastic
SN48	A48	SHA24-0113185-0001.C048	White/Black adhesive plastic
SN49	A49	SHA24-0113185-0001.C049	Black plastic
SN50	A50	SHA24-0113185-0001.C050	White plastic
SN51	A51	SHA24-0113185-0001.C051	Yellow plastic
SN52	A52	SHA24-0113185-0001.C052	Yellow plastic
SN53	A53	SHA24-0113185-0001.C053	White plastic
SN54	A54	SHA24-0113185-0001.C054	White plastic
SN55	A55	SHA24-0113185-0001.C055	Green plastic
SN56	A56	SHA24-0113185-0001.C056	White plastic
SN57	A57	SHA24-0113185-0001.C057	White plastic
SN58	A58	SHA24-0113185-0001.C058	Gray plastic
SN59	A59	SHA24-0113185-0001.C059	White plastic
SN60	A60	SHA24-0113185-0001.C060	Black plastic
SN61	A61	SHA24-0113185-0001.C061	Red plastic
SN62	A62	SHA24-0113185-0001.C062	Brown plastic
SN63	A63	SHA24-0113185-0001.C063	Beige plastic
SN64	A64	SHA24-0113185-0001.C064	White plastic
SN65	A65	SHA24-0113185-0001.C065	White plastic
SN66	A66	SHA24-0113185-0001.C066	Green plastic
SN67	A67	SHA24-0113185-0001.C067	White plastic
SN68	A68	SHA24-0113185-0001.C068	Beige plastic
SN69	A69	SHA24-0113185-0001.C069	Beige plastic
SN70	A70	SHA24-0113185-0001.C070	Red plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

SN ID	Sample No.	SGS Sample ID	Description
SN71	A71	SHA24-0113185-0001.C071	Red plastic
SN72	A72	SHA24-0113185-0001.C072	White plastic
SN73	A73	SHA24-0113185-0001.C073	Beige plastic
SN74	A74	SHA24-0113185-0001.C074	Beige plastic
SN75	A75	SHA24-0113185-0001.C075	Green/Black adhesive plastic
SN76	A76	SHA24-0113185-0001.C076	Green plastic
SN77	A77	SHA24-0113185-0001.C077	Red plastic
SN78	A78	SHA24-0113185-0001.C078	Gray mica chip
SN79	A79	SHA24-0113185-0001.C079	Red plastic
SN80	A80	SHA24-0113185-0001.C080	Beige plastic
SN81	A81	SHA24-0113185-0001.C081	Black adhesive
SN82	A82	SHA24-0113185-0001.C082	Beige plastic
SN83	A83	SHA24-0113185-0001.C083	Black plastic
SN84	A84	SHA24-0113185-0001.C084	Black plastic
SN85	A85	SHA24-0113185-0001.C085	Green plastic
SN86	A86	SHA24-0113185-0001.C086	White adhesive
SN87	A87	SHA24-0113185-0001.C087	Green PCB
SN88	A88	SHA24-0113185-0001.C088	Black rubber
SN89	A89	SHA24-0113185-0001.C089	Gray plastic
SN90	A90	SHA24-0113185-0001.C090	Gray plastic
SN91	A91	SHA24-0113185-0001.C091	Black plastic
SN92	A92	SHA24-0113185-0001.C092	White rubber
SN93	A93	SHA24-0113185-0001.C093	Orange plastic
SN94	A94	SHA24-0113185-0001.C094	Black plastic
SN95	A95	SHA24-0113185-0001.C095	Black plastic
SN96	A96	SHA24-0113185-0001.C096	Black plastic
SN97	A97	SHA24-0113185-0001.C097	Black rubber
SN98	A98	SHA24-0113185-0001.C098	White plastic
SN99	A99	SHA24-0113185-0001.C099	Black plastic
SN100	A100	SHA24-0113185-0001.C100	White plastic
SN101	A101	SHA24-0113185-0001.C101	White plastic
SN102	A102	SHA24-0113185-0001.C102	Green plastic
SN103	A103	SHA24-0113185-0001.C103	Transparent plastic
SN104	A104	SHA24-0113185-0001.C104	Green plastic
SN105	A105	SHA24-0113185-0001.C105	Black plastic
SN106	A106	SHA24-0113185-0001.C106	Green plastic
SN107	A107	SHA24-0113185-0001.C107	Black plastic
SN108	A108	SHA24-0113185-0001.C108	Blue plastic
SN109	A109	SHA24-0113185-0001.C109	Yellow plastic
SN110	A110	SHA24-0113185-0001.C110	Green plastic
SN111	A111	SHA24-0113185-0001.C111	Black plastic
SN112	A112	SHA24-0113185-0001.C112	Gray plastic
SN113	A113	SHA24-0113185-0001.C113	Gray plastic
SN114	A114	SHA24-0113185-0001.C114	Green PCB
SN115	A115	SHA24-0113185-0001.C115	Red plastic
SN116	A116	SHA24-0113185-0001.C116	White plastic
SN117	A117	SHA24-0113185-0001.C117	Black plastic
SN118	A118	SHA24-0113185-0001.C118	Red plastic
SN119	A119	SHA24-0113185-0001.C119	Black plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 5 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN120	A120	SHA24-0113185-0001.C120	White PCB
SN121	A121	SHA24-0113185-0001.C121	White plastic
SN122	A122	SHA24-0113185-0001.C122	Pink solid
SN123	A123	SHA24-0113185-0001.C123	Gray plastic
SN124	A124	SHA24-0113185-0001.C124	Gray plastic
SN125	A125	SHA24-0113185-0001.C125	Black rubber
SN126	A126	SHA24-0113185-0001.C126	Gray plastic
SN127	A127	SHA24-0113185-0001.C127	Blue plastic
SN128	A128	SHA24-0113185-0001.C128	Black rubber
SN129	A129	SHA24-0113185-0001.C129	Black rubber
SN130	A130	SHA24-0113185-0001.C130	Blue plastic
SN131	A131	SHA24-0113185-0001.C131	Silvery/Blue adhesive plastic
SN132	A132	SHA24-0113185-0001.C132	Red plastic
SN133	A133	SHA24-0113185-0001.C133	Black plastic
SN134	A134	SHA24-0113185-0001.C134	Black plastic
SN135	A135	SHA24-0113185-0001.C135	Gray plastic
SN136	A136	SHA24-0113185-0001.C136	White plastic
SN137	A137	SHA24-0113185-0001.C137	White plastic
SN138	A138	SHA24-0113185-0001.C138	White plastic
SN139	A139	SHA24-0113185-0001.C139	Red plastic
SN140	A140	SHA24-0113185-0001.C140	Black plastic
SN141	A141	SHA24-0113185-0001.C141	Black plastic
SN142	A142	SHA24-0113185-0001.C142	Silvery/Blue adhesive plastic
SN143	A143	SHA24-0113185-0001.C143	Black plastic
SN144	A144	SHA24-0113185-0001.C144	Black plastic
SN145	A145	SHA24-0113185-0001.C145	Gray plastic
SN146	A146	SHA24-0113185-0001.C146	Gray plastic
SN147	A147	SHA24-0113185-0001.C147	Gray plastic
SN148	A148	SHA24-0113185-0001.C148	White adhesive
SN149	A149	SHA24-0113185-0001.C149	Green plastic
SN150	A150	SHA24-0113185-0001.C150	Green plastic
SN151	A151	SHA24-0113185-0001.C151	Green plastic
SN152	A152	SHA24-0113185-0001.C152	Green plastic
SN153	A153	SHA24-0113185-0001.C153	Red plastic
SN154	A154	SHA24-0113185-0001.C154	Black plastic
SN155	A155	SHA24-0113185-0001.C155	White plastic
SN156	A156	SHA24-0113185-0001.C156	Green PCB
SN157	A157	SHA24-0113185-0001.C157	Black soft plastic
SN158	A158	SHA24-0113185-0001.C158	Black soft plastic
SN159	A159	SHA24-0113185-0001.C159	Black plastic
SN160	A160	SHA24-0113185-0001.C160	Black plastic
SN161	A161	SHA24-0113185-0001.C161	Black plastic
SN162	A162	SHA24-0113185-0001.C162	Gray solid
SN163	A163	SHA24-0113185-0001.C163	Black plastic
SN164	A164	SHA24-0113185-0001.C164	Black plastic
SN165	A165	SHA24-0113185-0001.C165	Yellow adhesive plastic
SN166	A166	SHA24-0113185-0001.C166	Colorful adhesive plastic
SN167	A167	SHA24-0113185-0001.C167	Black adhesive fibre
SN168	A168	SHA24-0113185-0001.C168	Black plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 6 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN169	A169	SHA24-0113185-0001.C169	White plastic
SN170	A170	SHA24-0113185-0001.C170	Black plastic
SN171	A171	SHA24-0113185-0001.C171	Black plastic
SN172	A172	SHA24-0113185-0001.C172	White plastic
SN173	A173	SHA24-0113185-0001.C173	White plastic
SN174	A174	SHA24-0113185-0001.C174	Beige plastic
SN175	A175	SHA24-0113185-0001.C175	Green PCB
SN176	A176	SHA24-0113185-0001.C176	White fibreglass
SN177	A177	SHA24-0113185-0001.C177	Blue plastic
SN178	A178	SHA24-0113185-0001.C178	Transparent soft plastic
SN179	A179	SHA24-0113185-0001.C179	Black plastic
SN180	A180	SHA24-0113185-0001.C180	Black plastic
SN181	A181	SHA24-0113185-0001.C181	Silvery/Black adhesive plastic
SN182	A182	SHA24-0113185-0001.C182	Black plastic
SN183	A183	SHA24-0113185-0001.C183	Green PCB
SN184	A184	SHA24-0113185-0001.C184	Green PCB
SN185	A185	SHA24-0113185-0001.C185	Black plastic
SN186	A186	SHA24-0113185-0001.C186	Black plastic
SN187	A187	SHA24-0113185-0001.C187	Black plastic
SN188	A188	SHA24-0113185-0001.C188	White plastic
SN189	A189	SHA24-0113185-0001.C189	Black plastic
SN190	A190	SHA24-0113185-0001.C190	Black plastic
SN191	A191	SHA24-0113185-0001.C191	White/Black adhesive plastic
SN192	A192	SHA24-0113185-0001.C192	White soft plastic
SN193	A193	SHA24-0113185-0001.C193	Red plastic
SN194	A194	SHA24-0113185-0001.C194	Transparent soft plastic
SN195	A195	SHA24-0113185-0001.C195	White plastic
SN196	A196	SHA24-0113185-0001.C196	Black plastic
SN197	A197	SHA24-0113185-0001.C197	Black plastic
SN198	A198	SHA24-0113185-0001.C198	Black adhesive fibre
SN199	A199	SHA24-0113185-0001.C199	Black soft plastic
SN200	A200	SHA24-0113185-0001.C200	Black plastic
SN201	A201	SHA24-0113185-0001.C201	White fibre
SN202	A202	SHA24-0113185-0001.C202	Blue soft plastic
SN203	A203	SHA24-0113185-0001.C203	Yellow soft plastic
SN204	A204	SHA24-0113185-0001.C204	Black soft plastic
SN205	A205	SHA24-0113185-0001.C205	Red soft plastic
SN206	A206	SHA24-0113185-0001.C206	Red soft plastic
SN207	A207	SHA24-0113185-0001.C207	Black soft plastic
SN208	A208	SHA24-0113185-0001.C208	White soft plastic
SN209	A209	SHA24-0113185-0001.C209	Black plastic
SN210	A210	SHA24-0113185-0001.C210	Black plastic
SN211	A211	SHA24-0113185-0001.C211	Black rubber
SN212	A212	SHA24-0113185-0001.C212	Black rubber
SN213	A213	SHA24-0113185-0001.C213	Black plastic
SN214	A214	SHA24-0113185-0001.C214	Green plastic
SN215	A215	SHA24-0113185-0001.C215	Green solid
SN216	A216	SHA24-0113185-0001.C216	White PCB
SN217	A217	SHA24-0113185-0001.C217	Blue plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 7 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN218	A218	SHA24-0113185-0001.C218	Blue plastic
SN219	A219	SHA24-0113185-0001.C219	Blue plastic
SN220	A220	SHA24-0113185-0001.C220	Blue plastic
SN221	A221	SHA24-0113185-0001.C221	Blue plastic
SN222	A222	SHA24-0113185-0001.C222	Gray plastic
SN223	A223	SHA24-0113185-0001.C223	Blue plastic
SN224	A224	SHA24-0113185-0001.C224	Green plastic
SN225	A225	SHA24-0113185-0001.C225	Black plastic
SN226	A226	SHA24-0113185-0001.C226	Green PCB
SN227	A227	SHA24-0113185-0001.C227	White plastic
SN228	A228	SHA24-0113185-0001.C228	Red plastic
SN229	A229	SHA24-0113185-0001.C229	Black plastic
SN230	A230	SHA24-0113185-0001.C230	Black plastic
SN231	A231	SHA24-0113185-0001.C231	Green PCB
SN232	A232	SHA24-0113185-0001.C232	Green plastic
SN233	A233	SHA24-0113185-0001.C233	Red rubber
SN234	A234	SHA24-0113185-0001.C234	Blue plastic
SN235	A235	SHA24-0113185-0001.C235	Black plastic
SN236	A236	SHA24-0113185-0001.C236	Red rubber
SN237	A237	SHA24-0113185-0001.C237	Black plastic
SN238	A238	SHA24-0113185-0001.C238	Black plastic
SN239	A239	SHA24-0113185-0001.C239	Black plastic
SN240	A240	SHA24-0113185-0001.C240	White plastic
SN241	A241	SHA24-0113185-0001.C241	White plastic
SN242	A242	SHA24-0113185-0001.C242	Red plastic
SN243	A243	SHA24-0113185-0001.C243	White plastic
SN244	A244	SHA24-0113185-0001.C244	White plastic
SN245	A245	SHA24-0113185-0001.C245	Gray plastic
SN246	A246	SHA24-0113185-0001.C246	Yellow plastic
SN247	A247	SHA24-0113185-0001.C247	White plastic
SN248	A248	SHA24-0113185-0001.C248	White plastic
SN249	A249	SHA24-0113185-0001.C249	White plastic
SN250	A250	SHA24-0113185-0001.C250	Beige plastic
SN251	A251	SHA24-0113185-0001.C251	Beige plastic
SN252	A252	SHA24-0113185-0001.C252	Colorful adhesive plastic
SN253	A253	SHA24-0113185-0001.C253	Black plastic
SN254	A254	SHA24-0113185-0001.C254	Black plastic
SN255	A255	SHA24-0113185-0001.C255	White plastic
SN256	A256	SHA24-0113185-0001.C256	Black plastic
SN257	A257	SHA24-0113185-0001.C257	Black plastic
SN258	A258	SHA24-0113185-0001.C258	Black plastic
SN259	A259	SHA24-0113185-0001.C259	Black plastic
SN260	A260	SHA24-0113185-0001.C260	Green plastic
SN261	A261	SHA24-0113185-0001.C261	Green plastic
SN262	A262	SHA24-0113185-0001.C262	Blue PCB
SN263	A263	SHA24-0113185-0001.C263	Yellow/Black adhesive plastic
SN264	A264	SHA24-0113185-0001.C264	Colorful adhesive plastic
SN265	A265	SHA24-0113185-0001.C265	Yellow adhesive plastic
SN266	A266	SHA24-0113185-0001.C266	Black plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 8 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN267	A267	SHA24-0113185-0001.C267	Gray solid
SN268	A268	SHA24-0113185-0001.C268	Black soft plastic
SN269	A269	SHA24-0113185-0001.C269	White plastic
SN270	A270	SHA24-0113185-0001.C270	Black plastic
SN271	A271	SHA24-0113185-0001.C271	Red plastic
SN272	A272	SHA24-0113185-0001.C272	Brown plastic
SN273	A273	SHA24-0113185-0001.C273	Black plastic
SN274	A274	SHA24-0113185-0001.C274	Green PCB
SN275	A275	SHA24-0113185-0001.C275	Colorful adhesive plastic
SN276	A276	SHA24-0113185-0001.C276	Green PCB
SN277	A277	SHA24-0113185-0001.C277	Black plastic
SN278	A278	SHA24-0113185-0001.C278	Black plastic
SN279	A279	SHA24-0113185-0001.C279	White plastic
SN280	A280	SHA24-0113185-0001.C280	Black soft plastic
SN281	A281	SHA24-0113185-0001.C281	Black soft plastic
SN282	A282	SHA24-0113185-0001.C282	Red soft plastic
SN283	A283	SHA24-0113185-0001.C283	Black soft plastic
SN284	A284	SHA24-0113185-0001.C284	White soft plastic
SN285	A285	SHA24-0113185-0001.C285	Black adhesive fibre
SN286	A286	SHA24-0113185-0001.C286	White soft plastic
SN287	A287	SHA24-0113185-0001.C287	Yellow/Green soft plastic
SN288	A288	SHA24-0113185-0001.C288	Yellow soft plastic
SN289	A289	SHA24-0113185-0001.C289	Blue soft plastic
SN290	A290	SHA24-0113185-0001.C290	Green soft plastic
SN291	A291	SHA24-0113185-0001.C291	Red soft plastic
SN292	A292	SHA24-0113185-0001.C292	Blue plastic
SN293	A293	SHA24-0113185-0001.C293	Black soft plastic
SN294	A294	SHA24-0113185-0001.C294	Black soft plastic
SN295	A295	SHA24-0113185-0001.C295	White soft plastic
SN296	A296	SHA24-0113185-0001.C296	Black soft plastic
SN297	A297	SHA24-0113185-0001.C297	Blue soft plastic
SN298	A298	SHA24-0113185-0001.C298	Red soft plastic
SN299	A299	SHA24-0113185-0001.C299	Yellow/Green soft plastic
SN300	A300	SHA24-0113185-0001.C300	Green soft plastic
SN301	A301	SHA24-0113185-0001.C301	Yellow soft plastic
SN302	A302	SHA24-0113185-0001.C302	Black soft plastic
SN303	A303	SHA24-0113185-0001.C303	Black soft plastic
SN304	A304	SHA24-0113185-0001.C304	White fibre
SN305	A305	SHA24-0113185-0001.C305	White plastic
SN306	A306	SHA24-0113185-0001.C306	Transparent soft plastic
SN307	A307	SHA24-0113185-0001.C307	White/Black adhesive plastic
SN308	A308	SHA24-0113185-0001.C308	White rubber
SN309	A309	SHA24-0113185-0001.C309	Orange plastic
SN310	A310	SHA24-0113185-0001.C310	Orange plastic
SN311	A311	SHA24-0113185-0001.C311	Brown rubber
SN312	A312	SHA24-0113185-0001.C312	White rubber
SN313	A313	SHA24-0113185-0001.C313	Orange plastic
SN314	A314	SHA24-0113185-0001.C314	Orange plastic
SN315	A315	SHA24-0113185-0001.C315	Orange plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 9 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN316	A316	SHA24-0113185-0001.C316	Black plastic
SN317	A317	SHA24-0113185-0001.C317	Black plastic
SN318	A318	SHA24-0113185-0001.C318	Black plastic
SN319	A319	SHA24-0113185-0001.C319	Black plastic
SN320	A320	SHA24-0113185-0001.C320	Black plastic
SN321	A321	SHA24-0113185-0001.C321	White soft plastic
SN322	A322	SHA24-0113185-0001.C322	Orange soft plastic
SN323	A323	SHA24-0113185-0001.C323	Black plastic
SN324	A324	SHA24-0113185-0001.C324	Black plastic
SN325	A325	SHA24-0113185-0001.C325	Black rubber
SN326	A326	SHA24-0113185-0001.C326	Black rubber
SN327	A327	SHA24-0113185-0001.C327	Black plastic
SN328	A328	SHA24-0113185-0001.C328	Black rubber
SN329	A329	SHA24-0113185-0001.C329	Black plastic
SN330	A330	SHA24-0113185-0001.C330	Black plastic
SN331	A331	SHA24-0113185-0001.C331	Black adhesive plastic
SN332	A332	SHA24-0113185-0001.C332	White soft plastic
SN333	A333	SHA24-0113185-0001.C333	Orange soft plastic
SN334	A334	SHA24-0113185-0001.C334	Red plastic
SN335	A335	SHA24-0113185-0001.C335	Red plastic
SN336	A336	SHA24-0113185-0001.C336	Brown soft plastic
SN337	A337	SHA24-0113185-0001.C337	Black plastic
SN338	A338	SHA24-0113185-0001.C338	Blue plastic
SN339	A339	SHA24-0113185-0001.C339	Black rubber
SN340	A340	SHA24-0113185-0001.C340	Blue plastic
SN341	A341	SHA24-0113185-0001.C341	Black plastic
SN342	A342	SHA24-0113185-0001.C342	Black plastic
SN343	A343	SHA24-0113185-0001.C343	Red rubber
SN344	A344	SHA24-0113185-0001.C344	Black rubber
SN345	A345	SHA24-0113185-0001.C345	Black rubber
SN346	A346	SHA24-0113185-0001.C346	Black plastic
SN347	A347	SHA24-0113185-0001.C347	Black plastic
SN348	A348	SHA24-0113185-0001.C348	Black plastic
SN349	A349	SHA24-0113185-0001.C349	Green plastic
SN350	A350	SHA24-0113185-0001.C350	Beige plastic
SN351	A351	SHA24-0113185-0001.C351	Black plastic
SN352	A352	SHA24-0113185-0001.C352	Beige plastic
SN353	A353	SHA24-0113185-0001.C353	Black rubber
SN354	A354	SHA24-0113185-0001.C354	Black foam
SN355	A355	SHA24-0113185-0001.C355	Colorful adhesive plastic
SN356	A356	SHA24-0113185-0001.C356	Silvery/Black adhesive plastic
SN357	A357	SHA24-0113185-0001.C357	Yellow/Black adhesive plastic
SN358	A358	SHA24-0113185-0001.C358	Silvery/Black adhesive plastic
SN359	A359	SHA24-0113185-0001.C359	Black plastic
SN360	A360	SHA24-0113185-0001.C360	Black rubber
SN361	A361	SHA24-0113185-0001.C361	White plastic
SN362	A362	SHA24-0113185-0001.C362	White plastic
SN363	A363	SHA24-0113185-0001.C363	Black foam
SN364	A364	SHA24-0113185-0001.C364	White plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 10 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN365	A365	SHA24-0113185-0001.C365	Black rubber
SN366	A366	SHA24-0113185-0001.C366	Black rubber
SN367	A367	SHA24-0113185-0001.C367	Black plastic
SN368	A368	SHA24-0113185-0001.C368	Black plastic
SN369	A369	SHA24-0113185-0001.C369	Black plastic
SN370	A370	SHA24-0113185-0001.C370	Black plastic
SN371	A371	SHA24-0113185-0001.C371	Gray coating
SN372	A372	SHA24-0113185-0001.C372	Black foam
SN373	A373	SHA24-0113185-0001.C373	Black foam
SN374	A374	SHA24-0113185-0001.C374	Yellow/Black adhesive plastic
SN375	A375	SHA24-0113185-0001.C375	Gray plastic
SN376	A376	SHA24-0113185-0001.C376	Gray plastic
SN377	A377	SHA24-0113185-0001.C377	Gray plastic
SN378	A378	SHA24-0113185-0001.C378	Gray plastic
SN379	A379	SHA24-0113185-0001.C379	Yellow plastic
SN380	A380	SHA24-0113185-0001.C380	Red plastic
SN381	A381	SHA24-0113185-0001.C381	Black plastic
SN382	A382	SHA24-0113185-0001.C382	Black plastic
SN383	A383	SHA24-0113185-0001.C383	Black plastic
SN384	A384	SHA24-0113185-0001.C384	Black plastic
SN385	A385	SHA24-0113185-0001.C385	Black plastic
SN386	A386	SHA24-0113185-0001.C386	Black plastic
SN387	A387	SHA24-0113185-0001.C387	Black epoxy
SN388	A388	SHA24-0113185-0001.C388	Black soft plastic
SN389	A389	SHA24-0113185-0001.C389	White soft plastic
SN390	A390	SHA24-0113185-0001.C390	Black plastic
SN391	A391	SHA24-0113185-0001.C391	Green plastic
SN392	A392	SHA24-0113185-0001.C392	White adhesive
SN393	A393	SHA24-0113185-0001.C393	White plastic
SN394	A394	SHA24-0113185-0001.C394	White plastic
SN395	A395	SHA24-0113185-0001.C395	White plastic
SN396	A396	SHA24-0113185-0001.C396	Black plastic
SN397	A397	SHA24-0113185-0001.C397	Black plastic
SN398	A398	SHA24-0113185-0001.C398	Blue plastic
SN399	A399	SHA24-0113185-0001.C399	Black plastic
SN400	A400	SHA24-0113185-0001.C400	White plastic
SN401	A401	SHA24-0113185-0001.C401	White plastic
SN402	A402	SHA24-0113185-0001.C402	Beige plastic
SN403	A403	SHA24-0113185-0001.C403	Black plastic
SN404	A404	SHA24-0113185-0001.C404	Green plastic
SN405	A405	SHA24-0113185-0001.C405	Green plastic
SN406	A406	SHA24-0113185-0001.C406	Blue soft plastic
SN407	A407	SHA24-0113185-0001.C407	Green PCB
SN408	A408	SHA24-0113185-0001.C408	Black plastic
SN409	A409	SHA24-0113185-0001.C409	Colorful adhesive plastic
SN410	A410	SHA24-0113185-0001.C410	Black plastic
SN411	A411	SHA24-0113185-0001.C411	White plastic
SN412	A412	SHA24-0113185-0001.C412	Transparent adhesive
SN413	A413	SHA24-0113185-0001.C413	Black PCB



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 11 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN414	A414	SHA24-0113185-0001.C414	Green PCB
SN415	A415	SHA24-0113185-0001.C415	White plastic
SN416	A416	SHA24-0113185-0001.C416	Black soft plastic
SN417	A417	SHA24-0113185-0001.C417	Gray soft plastic
SN418	A418	SHA24-0113185-0001.C418	White plastic
SN419	A419	SHA24-0113185-0001.C419	Brown soft plastic
SN420	A420	SHA24-0113185-0001.C420	Black soft plastic
SN421	A421	SHA24-0113185-0001.C421	Red fibreglass
SN422	A422	SHA24-0113185-0001.C422	Black plastic
SN423	A423	SHA24-0113185-0001.C423	Black plastic
SN424	A424	SHA24-0113185-0001.C424	Green PCB
SN425	A425	SHA24-0113185-0001.C425	White plastic
SN426	A426	SHA24-0113185-0001.C426	White plastic
SN427	A427	SHA24-0113185-0001.C427	Black soft plastic
SN428	A428	SHA24-0113185-0001.C428	Black soft plastic
SN429	A429	SHA24-0113185-0001.C429	Black fibreglass
SN430	A430	SHA24-0113185-0001.C430	Black soft plastic
SN431	A431	SHA24-0113185-0001.C431	Black soft plastic
SN432	A432	SHA24-0113185-0001.C432	Gray soft plastic
SN433	A433	SHA24-0113185-0001.C433	Transparent plastic
SN434	A434	SHA24-0113185-0001.C434	Beige soft plastic
SN435	A435	SHA24-0113185-0001.C435	Yellow soft plastic
SN436	A436	SHA24-0113185-0001.C436	Green soft plastic
SN437	A437	SHA24-0113185-0001.C437	Black soft plastic
SN438	A438	SHA24-0113185-0001.C438	Red soft plastic
SN439	A439	SHA24-0113185-0001.C439	Silvery/Black adhesive plastic
SN440	A440	SHA24-0113185-0001.C440	Black plastic
SN441	A441	SHA24-0113185-0001.C441	Black plastic
SN442	A442	SHA24-0113185-0001.C442	Black plastic
SN443	A443	SHA24-0113185-0001.C443	Yellow PCB
SN444	A444	SHA24-0113185-0001.C444	Black plastic
SN445	A445	SHA24-0113185-0001.C445	Black soft plastic
SN446	A446	SHA24-0113185-0001.C446	Black rubber
SN447	A447	SHA24-0113185-0001.C447	Black soft plastic
SN448	A448	SHA24-0113185-0001.C448	Brown soft plastic
SN449	A449	SHA24-0113185-0001.C449	Blue soft plastic
SN450	A450	SHA24-0113185-0001.C450	Black plastic
SN451	A451	SHA24-0113185-0001.C451	Brown soft plastic
SN452	A452	SHA24-0113185-0001.C452	Brown soft plastic
SN453	A453	SHA24-0113185-0001.C453	Black rubber
SN454	A454	SHA24-0113185-0001.C454	Black rubber
SN455	A455	SHA24-0113185-0001.C455	Black plastic
SN456	A456	SHA24-0113185-0001.C456	Black plastic
SN457	A457	SHA24-0113185-0001.C457	Gray soft plastic
SN458	A458	SHA24-0113185-0001.C458	Black soft plastic
SN459	A459	SHA24-0113185-0001.C459	White/Black adhesive plastic
SN460	A460	SHA24-0113185-0001.C460	Black rubber
SN461	A461	SHA24-0113185-0001.C461	White fibre
SN462	A462	SHA24-0113185-0001.C462	White plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 12 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN463	A463	SHA24-0113185-0001.C463	White plastic
SN464	A464	SHA24-0113185-0001.C464	White plastic
SN465	A465	SHA24-0113185-0001.C465	Black rubber
SN466	A466	SHA24-0113185-0001.C466	Red plastic
SN467	A467	SHA24-0113185-0001.C467	Black plastic
SN468	A468	SHA24-0113185-0001.C468	White PCB
SN469	A469	SHA24-0113185-0001.C469	Black fibre
SN470	A470	SHA24-0113185-0001.C470	Transparent plastic
SN471	A471	SHA24-0113185-0001.C471	Yellow adhesive
SN472	A472	SHA24-0113185-0001.C472	Colorful adhesive plastic
SN473	A473	SHA24-0113185-0001.C473	Colorful adhesive plastic
SN474	A474	SHA24-0113185-0001.C474	Orange/Black adhesive plastic
SN475	A475	SHA24-0113185-0001.C475	Orange plastic
SN476	A476	SHA24-0113185-0001.C476	Transparent plastic
SN477	A477	SHA24-0113185-0001.C477	White plastic
SN478	A478	SHA24-0113185-0001.C478	Transparent plastic
SN479	A479	SHA24-0113185-0001.C479	Orange plastic
SN480	A480	SHA24-0113185-0001.C480	Beige plastic
SN481	A481	SHA24-0113185-0001.C481	Red plastic
SN482	A482	SHA24-0113185-0001.C482	Red plastic
SN483	A483	SHA24-0113185-0001.C483	Green plastic
SN484	A484	SHA24-0113185-0001.C484	White plastic
SN485	A485	SHA24-0113185-0001.C485	Black plastic
SN486	A486	SHA24-0113185-0001.C486	Black plastic
SN487	A487	SHA24-0113185-0001.C487	Black rubber
SN488	A488	SHA24-0113185-0001.C488	Black rubber
SN489	A489	SHA24-0113185-0001.C489	Black foam
SN490	A490	SHA24-0113185-0001.C490	Silvery/Black adhesive plastic
SN491	A491	SHA24-0113185-0001.C491	Blue plastic
SN492	A492	SHA24-0113185-0001.C492	Blue plastic
SN493	A493	SHA24-0113185-0001.C493	White plastic
SN494	A494	SHA24-0113185-0001.C494	Beige plastic
SN495	A495	SHA24-0113185-0001.C495	Blue PCB
SN496	A496	SHA24-0113185-0001.C496	Green PCB
SN497	A497	SHA24-0113185-0001.C497	Brown plastic
SN498	A498	SHA24-0113185-0001.C498	Black adhesive
SN499	A499	SHA24-0113185-0001.C499	Black PCB
SN500	A500	SHA24-0113185-0001.C500	Green plastic
SN501	A501	SHA24-0113185-0001.C501	Black plastic
SN502	A502	SHA24-0113185-0001.C502	Black plastic
SN503	A503	SHA24-0113185-0001.C503	Blue PCB
SN504	A504	SHA24-0113185-0001.C504	Black PCB
SN505	A505	SHA24-0113185-0001.C505	White plastic
SN506	A506	SHA24-0113185-0001.C506	Silvery plastic
SN507	A507	SHA24-0113185-0001.C507	Transparent plastic
SN508	A508	SHA24-0113185-0001.C508	White plastic
SN509	A509	SHA24-0113185-0001.C509	Silvery plastic
SN510	A510	SHA24-0113185-0001.C510	White plastic
SN511	A511	SHA24-0113185-0001.C511	White PCB



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 13 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN512	A512	SHA24-0113185-0001.C512	Brown FPC
SN513	A513	SHA24-0113185-0001.C513	Gray adhesive plastic
SN514	A514	SHA24-0113185-0001.C514	Black plastic
SN515	A515	SHA24-0113185-0001.C515	Black plastic
SN516	A516	SHA24-0113185-0001.C516	Black rubber
SN517	A517	SHA24-0113185-0001.C517	Red rubber
SN518	A518	SHA24-0113185-0001.C518	Black plastic
SN519	A519	SHA24-0113185-0001.C519	Blue plastic
SN520	A520	SHA24-0113185-0001.C520	Blue plastic
SN521	A521	SHA24-0113185-0001.C521	Black rubber
SN522	A522	SHA24-0113185-0001.C522	Black plastic
SN523	A523	SHA24-0113185-0001.C523	Black plastic
SN524	A524	SHA24-0113185-0001.C524	Black plastic
SN525	A525	SHA24-0113185-0001.C525	White plastic
SN526	A526	SHA24-0113185-0001.C526	Orange plastic
SN527	A527	SHA24-0113185-0001.C527	Black plastic
SN528	A528	SHA24-0113185-0001.C528	Black plastic
SN529	A529	SHA24-0113185-0001.C529	Black plastic
SN530	A530	SHA24-0113185-0001.C530	Black plastic
SN531	A531	SHA24-0113185-0001.C531	Black plastic
SN532	A532	SHA24-0113185-0001.C532	Black plastic
SN533	A533	SHA24-0113185-0001.C533	Gray plastic
SN534	A534	SHA24-0113185-0001.C534	Black rubber
SN535	A535	SHA24-0113185-0001.C535	Black adhesive foam
SN536	A536	SHA24-0113185-0001.C536	Black plastic
SN537	A537	SHA24-0113185-0001.C537	Black plastic
SN538	A538	SHA24-0113185-0001.C538	Black plastic
SN539	A539	SHA24-0113185-0001.C539	Black plastic
SN540	A540	SHA24-0113185-0001.C540	Black plastic
SN541	A541	SHA24-0113185-0001.C541	Black plastic
SN542	A542	SHA24-0113185-0001.C542	White plastic
SN543	A543	SHA24-0113185-0001.C543	Black rubber
SN544	A544	SHA24-0113185-0001.C544	Black rubber
SN545	A545	SHA24-0113185-0001.C545	Silvery/Black adhesive plastic
SN546	A546	SHA24-0113185-0001.C546	White plastic
SN547	A547	SHA24-0113185-0001.C547	Transparent plastic
SN548	A548	SHA24-0113185-0001.C548	White plastic
SN549	A549	SHA24-0113185-0001.C549	White plastic
SN550	A550	SHA24-0113185-0001.C550	Orange rubber
SN551	A551	SHA24-0113185-0001.C551	Transparent plastic
SN552	A552	SHA24-0113185-0001.C552	White plastic
SN553	A553	SHA24-0113185-0001.C553	White plastic
SN554	A554	SHA24-0113185-0001.C554	White PCB
SN555	A555	SHA24-0113185-0001.C555	Gray adhesive plastic
SN556	A556	SHA24-0113185-0001.C556	Gray adhesive plastic
SN557	A557	SHA24-0113185-0001.C557	Transparent plastic
SN558	A558	SHA24-0113185-0001.C558	Black plastic
SN559	A559	SHA24-0113185-0001.C559	Green PCB
SN560	A560	SHA24-0113185-0001.C560	Beige plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 14 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN561	A561	SHA24-0113185-0001.C561	Gray plastic
SN562	A562	SHA24-0113185-0001.C562	Green PCB
SN563	A563	SHA24-0113185-0001.C563	Colorful adhesive plastic
SN564	A564	SHA24-0113185-0001.C564	Colorful adhesive plastic
SN565	A565	SHA24-0113185-0001.C565	Black plastic
SN566	A566	SHA24-0113185-0001.C566	Silvery/Black adhesive plastic
SN567	A567	SHA24-0113185-0001.C567	Black plastic
SN568	A568	SHA24-0113185-0001.C568	Black plastic
SN569	A569	SHA24-0113185-0001.C569	Black plastic
SN570	A570	SHA24-0113185-0001.C570	Green PCB
SN571	A571	SHA24-0113185-0001.C571	Black plastic
SN572	A572	SHA24-0113185-0001.C572	Black soft plastic
SN573	A573	SHA24-0113185-0001.C573	Red soft plastic
SN574	A574	SHA24-0113185-0001.C574	Black soft plastic
SN575	A575	SHA24-0113185-0001.C575	White/Black adhesive plastic
SN576	A576	SHA24-0113185-0001.C576	Black plastic
SN577	A577	SHA24-0113185-0001.C577	Black plastic
SN578	A578	SHA24-0113185-0001.C578	Black plastic
SN579	A579	SHA24-0113185-0001.C579	Black plastic
SN580	A580	SHA24-0113185-0001.C580	White plastic
SN581	A581	SHA24-0113185-0001.C581	White plastic
SN582	A582	SHA24-0113185-0001.C582	Green PCB
SN583	A583	SHA24-0113185-0001.C583	Black adhesive foam
SN584	A584	SHA24-0113185-0001.C584	Black adhesive foam
SN585	A585	SHA24-0113185-0001.C585	Black plastic
SN586	A586	SHA24-0113185-0001.C586	White plastic
SN587	A587	SHA24-0113185-0001.C587	White plastic
SN588	A588	SHA24-0113185-0001.C588	Red plastic
SN589	A589	SHA24-0113185-0001.C589	Black soft plastic
SN590	A590	SHA24-0113185-0001.C590	Blue soft plastic
SN591	A591	SHA24-0113185-0001.C591	Brown soft plastic
SN592	A592	SHA24-0113185-0001.C592	Black plastic
SN593	A593	SHA24-0113185-0001.C593	Black plastic
SN594	A594	SHA24-0113185-0001.C594	Blue adhesive plastic
SN595	A595	SHA24-0113185-0001.C595	Black plastic
SN596	A596	SHA24-0113185-0001.C596	Black adhesive plastic
SN597	A597	SHA24-0113185-0001.C597	Gray plastic
SN598	A598	SHA24-0113185-0001.C598	Silvery metal
SN599	A599	SHA24-0113185-0001.C599	Copper-colored metal
SN600	A600	SHA24-0113185-0001.C600	Black rubber
SN601	A601	SHA24-0113185-0001.C601	Copper-colored metal
SN602	A602	SHA24-0113185-0001.C602	Silvery metal
SN603	A603	SHA24-0113185-0001.C603	Black plastic
SN604	A604	SHA24-0113185-0001.C604	Black plastic
SN605	A605	SHA24-0113185-0001.C605	Silvery metal
SN606	A606	SHA24-0113185-0001.C606	Silvery metal
SN607	A607	SHA24-0113185-0001.C607	Yellow adhesive plastic
SN608	A608	SHA24-0113185-0001.C608	Green adhesive plastic
SN609	A609	SHA24-0113185-0001.C609	Blue adhesive plastic



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Technology

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 15 of 123

SN ID	Sample No.	SGS Sample ID	Description
SN610	A610	SHA24-0113185-0001.C610	Copper-colored metal
SN611	A611	SHA24-0113185-0001.C611	Silvery metal
SN612	A612	SHA24-0113185-0001.C612	Transparent plastic
SN613	A613	SHA24-0113185-0001.C613	Transparent plastic
SN614	A614	SHA24-0113185-0001.C614	Silvery metal
SN615	A615	SHA24-0113185-0001.C615	White plastic
SN616	A616	SHA24-0113185-0001.C616	Black solid
SN617	A617	SHA24-0113185-0001.C617	Black solid
SN618	A1+A2	SHA24-0113185-0002	Gray adhesive foam + Black rubber
SN619	A29+A91	SHA24-0113185-0003	Blue PCB + Black plastic
SN620	A127+A128	SHA24-0113185-0004	Blue plastic + Black rubber
SN621	A199+A200	SHA24-0113185-0005	Black soft plastic + Black plastic
SN622	A233+A236	SHA24-0113185-0006	Red rubber + Red rubber
SN623	A252+A274	SHA24-0113185-0007	Colorful adhesive plastic + Green PCB
SN624	A336+A363	SHA24-0113185-0008	Brown soft plastic + Black foam
SN625	A409+A420	SHA24-0113185-0009	Colorful adhesive plastic + Black soft plastic
SN626	A427+A445	SHA24-0113185-0010	Black soft plastic + Black soft plastic
SN627	A466+A475	SHA24-0113185-0011	Red plastic + Orange plastic
SN628	A505+A507	SHA24-0113185-0012	White plastic + Transparent plastic
SN629	A513+A514	SHA24-0113185-0013	Gray adhesive plastic + Black plastic
SN630	A543+A557	SHA24-0113185-0014	Black rubber + Transparent plastic
SN631	A604+A607	SHA24-0113185-0015	Black plastic + Yellow adhesive plastic
SN632	A608+A612	SHA24-0113185-0016	Green adhesive plastic + Transparent plastic

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

Regulation (EU) No 2023/1542 Article 6(1), Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006—Total Tin Screening for Organostannic compounds

Test Method: SGS In-house method, analysis was performed by EDXRF.

Test Item(s)	Unit(s)	MDL	A1	A2	A3
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A4	A5	A6
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A7	A8	A9
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 16 of 123

Test Item(s)	Unit(s)	MDL	A10	A11	A12
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A13	A14	A15
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A16	A17	A18
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A19	A20	A21
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A22	A23	A24
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A25	A26	A27
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A28	A29	A30
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A31	A32	A33
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A34	A35	A36
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A37	A39	A40
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A41	A42	A43
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A44	A45	A46
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 17 of 123

Test Item(s)	Unit(s)	MDL	A47	A48	A49
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A50	A51	A52
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A53	A54	A55
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A56	A57	A58
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A59	A60	A61
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A62	A63	A64
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A65	A66	A67
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A68	A69	A70
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A71	A72	A73
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A74	A75	A76
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A77	A78	A79
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A80	A81	A82
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 18 of 123

Test Item(s)	Unit(s)	MDL	A83	A84	A85
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A86	A87	A88
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A89	A90	A91
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A92	A93	A94
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A95	A96	A97
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A98	A99	A100
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A101	A102	A103
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A104	A105	A106
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A107	A108	A109
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A110	A111	A112
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A113	A114	A115
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A116	A117	A119
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 19 of 123

Test Item(s)	Unit(s)	MDL	A120	A121	A122
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A123	A124	A125
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A126	A127	A128
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A129	A130	A131
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A132	A133	A134
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A135	A136	A137
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A138	A139	A140
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A141	A142	A143
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A144	A145	A146
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A147	A148	A149
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A150	A151	A152
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A153	A154	A155
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 20 of 123

Test Item(s)	Unit(s)	MDL	A156	A157	A158
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A159	A160	A161
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A162	A163	A164
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A165	A166	A167
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A168	A169	A170
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A171	A172	A173
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A174	A175	A176
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A178	A179	A180
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A181	A182	A184
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A185	A186	A187
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A188	A189	A190
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A191	A192	A194
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 21 of 123

Test Item(s)	Unit(s)	MDL	A195	A196	A197
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A198	A199	A200
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A201	A202	A203
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A204	A205	A206
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A207	A208	A209
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A210	A211	A212
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A213	A215	A216
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A217	A218	A219
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A220	A221	A222
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A223	A224	A225
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A226	A227	A228
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A229	A230	A231
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 22 of 123

Test Item(s)	Unit(s)	MDL	A232	A233	A234
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A235	A236	A237
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A238	A239	A240
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A241	A242	A243
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A244	A245	A246
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A247	A248	A249
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A250	A251	A252
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A253	A254	A255
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A256	A257	A258
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A259	A260	A261
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A263	A264	A265
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A266	A267	A268
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 23 of 123

Test Item(s)	Unit(s)	MDL	A269	A270	A271
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A272	A273	A274
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A275	A276	A277
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A278	A279	A280
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A281	A282	A283
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A284	A285	A286
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A287	A288	A289
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A290	A291	A293
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A294	A295	A296
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A297	A298	A299
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A300	A301	A302
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A303	A304	A305
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 24 of 123

Test Item(s)	Unit(s)	MDL	A306	A307	A308
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A309	A310	A311
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A312	A313	A314
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A315	A316	A317
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A318	A319	A320
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A321	A322	A323
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A324	A325	A326
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A327	A328	A329
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A330	A331	A332
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A333	A334	A335
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A336	A337	A338
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A339	A340	A341
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 25 of 123

Test Item(s)	Unit(s)	MDL	A342	A343	A344
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A345	A346	A347
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A348	A349	A350
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A351	A352	A353
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A354	A355	A356
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A357	A358	A359
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A360	A361	A362
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A363	A364	A365
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A366	A367	A368
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A369	A370	A372
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A373	A374	A375
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A376	A377	A378
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 26 of 123

Test Item(s)	Unit(s)	MDL	A379	A380	A381
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A382	A383	A384
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A385	A386	A387
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A388	A389	A390
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A391	A392	A393
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A394	A395	A396
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A397	A398	A399
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A400	A401	A402
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A403	A404	A405
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A406	A407	A408
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A409	A410	A411
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A412	A413	A414
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 27 of 123

Test Item(s)	Unit(s)	MDL	A415	A416	A417
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A418	A419	A420
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A421	A422	A423
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A424	A425	A426
Tin (Sn)	mg/kg	700	>700#	<700	<700
Conclusion			See Result	Pass	Pass

Test Item(s)	Unit(s)	MDL	A427	A428	A429
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A430	A431	A432
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A433	A434	A435
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A436	A437	A438
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A439	A440	A441
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A442	A443	A444
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A445	A446	A447
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A448	A449	A450
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 28 of 123

Test Item(s)	Unit(s)	MDL	A451	A452	A453
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A454	A455	A456
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A457	A458	A459
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A460	A461	A462
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A463	A464	A465
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A466	A467	A468
Tin (Sn)	mg/kg	700	<700	<700	>700#
Conclusion			Pass	Pass	See Result

Test Item(s)	Unit(s)	MDL	A469	A470	A471
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A472	A473	A474
Tin (Sn)	mg/kg	700	<700	<700	>700#
Conclusion			Pass	Pass	See Result

Test Item(s)	Unit(s)	MDL	A475	A476	A477
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A478	A479	A480
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A481	A482	A483
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A484	A485	A486
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 29 of 123

Test Item(s)	Unit(s)	MDL	A487	A488	A489
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A490	A491	A492
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A493	A494	A495
Tin (Sn)	mg/kg	700	<700	<700	>700#
Conclusion			Pass	Pass	See Result

Test Item(s)	Unit(s)	MDL	A496	A497	A498
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A499	A500	A501
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A502	A503	A504
Tin (Sn)	mg/kg	700	<700	>700#	<700
Conclusion			Pass	See Result	Pass

Test Item(s)	Unit(s)	MDL	A505	A506	A507
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A508	A509	A510
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A511	A512	A513
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A514	A515	A516
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A517	A518	A519
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A520	A521	A522
Tin (Sn)	mg/kg	700	<700	<700	<700



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 30 of 123

Test Item(s)	Unit(s)	MDL	A520	A521	A522
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A523	A524	A525
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A526	A527	A528
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A529	A530	A531
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A532	A533	A534
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A535	A536	A537
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A538	A539	A540
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A541	A542	A543
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A544	A545	A546
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A547	A548	A549
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A550	A551	A552
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass
Test Item(s)	Unit(s)	MDL	A553	A554	A555
Tin (Sn)	mg/kg	700	<700	>700#	<700
Conclusion			Pass	See Result	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 31 of 123

Test Item(s)	Unit(s)	MDL	A556	A557	A558
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A559	A560	A561
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A562	A563	A564
Tin (Sn)	mg/kg	700	>700#	<700	<700
Conclusion			See Result	Pass	Pass

Test Item(s)	Unit(s)	MDL	A565	A566	A567
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A568	A569	A570
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A571	A572	A573
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A574	A575	A576
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A577	A578	A579
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A580	A581	A582
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A583	A584	A585
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A586	A587	A588
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A589	A590	A591
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 32 of 123

Test Item(s)	Unit(s)	MDL	A592	A593	A594
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A595	A596	A597
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A600	A603	A604
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A607	A608	A609
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A612	A613	A615
Tin (Sn)	mg/kg	700	<700	<700	<700
Conclusion			Pass	Pass	Pass

Test Item(s)	Unit(s)	MDL	A616	A617
Tin (Sn)	mg/kg	700	<700	<700
Conclusion			Pass	Pass

Notes:

(1) Confirmation test of organic tin is not required in case of Total Tin, after conversion, does not exceed the Organotin by weight of Tin requirement as specified in Entry 20 of Annex XVII.

(2)#=If the Total Tin content is over 700 mg/kg, it is strongly recommended to perform further Organotin test to check the compliance with Entry 20 of REACH ANNEX XVII.

Regulation (EU) No 2023/1542 Article 6(1), Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organostannic compounds

Test Method: With reference to ISO 17353:2004, analysis was performed by GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A424	A468	A474
Tributyltin(TBT) by Weight of Tin	-	%	0.01	ND	ND	ND
Tricyclohexyltin(TCyT) by Weight of Tin	-	%	0.01	ND	ND	ND
Trimethyltin(TMT) by Weight of Tin	-	%	0.01	ND	ND	ND
Trioctyltin(TOT) by Weight of Tin	-	%	0.01	ND	ND	ND
Triphenyltin(TPhT) by Weight of Tin	-	%	0.01	ND	ND	ND
Tripropyltin (TPT) by weight of Tin	-	%	0.01	ND	ND	ND
Σ of Tri substituted organotin compounds by Weight of Tin	0.1	%	-	ND	ND	ND
Diocetyl tin(DOT) by Weight of Tin	0.1	%	0.01	ND	ND	ND
Dibutyltin(DBT) by Weight of Tin	0.1	%	0.01	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 33 of 123

Test Item(s)	Limit	Unit(s)	MDL	A424	A468	A474
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A486	A495	A503
Tributyltin(TBT) by Weight of Tin	-	%	0.01	ND	ND	ND
Tricyclohexyltin(TCyT) by Weight of Tin	-	%	0.01	ND	ND	ND
Trimethyltin(TMT) by Weight of Tin	-	%	0.01	ND	ND	ND
Trioctyltin(TOT) by Weight of Tin	-	%	0.01	ND	ND	ND
Triphenyltin(TPhT) by Weight of Tin	-	%	0.01	ND	ND	ND
Tripropyltin (TPT) by weight of Tin	-	%	0.01	ND	ND	ND
Σ of Tri substituted organotin compounds by Weight of Tin	0.1	%	-	ND	ND	ND
Diocetyl tin(DOT) by Weight of Tin	0.1	%	0.01	ND	ND	ND
Dibutyltin(DBT) by Weight of Tin	0.1	%	0.01	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A554	A562
Tributyltin(TBT) by Weight of Tin	-	%	0.01	ND	ND
Tricyclohexyltin(TCyT) by Weight of Tin	-	%	0.01	ND	ND
Trimethyltin(TMT) by Weight of Tin	-	%	0.01	ND	ND
Trioctyltin(TOT) by Weight of Tin	-	%	0.01	ND	ND
Triphenyltin(TPhT) by Weight of Tin	-	%	0.01	ND	ND
Tripropyltin (TPT) by weight of Tin	-	%	0.01	ND	ND
Σ of Tri substituted organotin compounds by Weight of Tin	0.1	%	-	ND	ND
Diocetyl tin(DOT) by Weight of Tin	0.1	%	0.01	ND	ND
Dibutyltin(DBT) by Weight of Tin	0.1	%	0.01	ND	ND
Conclusion				Pass	Pass

Notes:

(1) Regulation (EU) 2023/1542 concerning batteries and waste batteries Article 6(1): In addition to the restrictions set out in Annex XVII to Regulation (EC) No 1907/2006 and in Article 4(2), point (a), of Directive 2000/53/EC, batteries shall not contain substances for which Annex I to this Regulation contains a restriction unless the conditions of that restriction are complied with.

Regulation (EU) No 2023/1542 Article 6(1), Entry 50 of Regulation (EU) 2021/1199 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 34 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7	A37	A102
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND	ND	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND	ND	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND	ND	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A115	A127	A234
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND	ND	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND	ND	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND	ND	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A252	A354	A371
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND	ND	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND	ND	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 35 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A252	A354	A371
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A409	A466	A475
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND	ND	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND	ND	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND	ND	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND	ND	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A552
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Conclusion					Pass

Notes:

- Regulation (EU) 2023/1542 concerning batteries and waste batteries Article 6(1):
In addition to the restrictions set out in Annex XVII to Regulation (EC) No 1907/2006 and in Article 4(2), point (a), of Directive 2000/53/EC, batteries shall not contain substances for which Annex I to this Regulation contains a restriction unless the conditions of that restriction are complied with.
- Only selected parts in sample photos were tested and drew the conclusion.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 36 of 123

Regulation (EU) No 2023/1542 Article 6(1), Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances

Test Method: Modified EN 17681-1:2022 and EN 17681-2:2022, analysis was performed by LC-MS or LC-MS/MS and GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A252+A27 4	A409+A42 0
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl	2144-54-9	-	µg/kg	100	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 37 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A252+A27 4	A409+A42 0
methacrylate (10:2 FTMA)							
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	-	µg/kg	10	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND



SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 38 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A252+A27 4	A409+A42 0
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (H ₂ PFDA/8:2 FTCA), its salts [^]	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts [^]	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (H ₄ PFUnDA/ 8:3 FTCA), its salts [^]	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane/ 1H,1H,2H,2H-Perfluorodecyltrimethoxysilane	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecylmethyldichlorosilane	3102-79-2	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	10	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	10	ND	ND	ND



SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 39 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A252+A27 4	A409+A42 0
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A505+A50 7	A513+A51 4	A543+A55 7
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl	2144-54-9	-	µg/kg	100	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>; and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 40 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A505+A507	A513+A514	A543+A557
methacrylate (10:2 FTMA)							
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	-	µg/kg	10	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 41 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A505+A507	A513+A514	A543+A557
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (H ₂ PFDA/8:2 FTCA), its salts [^]	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriet hoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro decyl) hydrogen phosphate (8:2 diPAP), its salts [^]	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecan oic Acid (H ₄ PFUnDA/ 8:3 FTCA), its salts [^]	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltric hlorosilane/ 1H,1H,2H,2H-Perfluorodecyltrim ethoxysilane	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecylmet hylchlorosilane	3102-79-2	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	10	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	10	ND	ND	ND



SGS-CTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 42 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A505+A507	A513+A514	A543+A557
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A608+A612
C9-C14 PFCA, their salts					
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND
C9-C14 PFCA-related substances					
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorododecyl	2144-54-9	-	µg/kg	100	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 43 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A608+A61 2
methacrylate (10:2 FTMA)					
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	-	µg/kg	10	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND
10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	-	µg/kg	100	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 44 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A608+A61 2
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND
2H,2H-Perfluorodecane Acid (H ₂ PFDA/8:2 FTCA), its salts [^]	27854-31-5	-	µg/kg	10	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorodecyltriet hoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro decyl) hydrogen phosphate (8:2 diPAP), its salts [^]	678-41-1	-	µg/kg	10	ND
2H,2H,3H,3H-Perfluoroundecan oic Acid (H ₄ PFUnDA/ 8:3 FTCA), its salts [^]	34598-33-9	-	µg/kg	10	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorodecyltric hlorosilane/ 1H,1H,2H,2H-Perfluorodecyltrim ethoxysilane	78560-44-8 /83048-65-1	-	µg/kg	100	ND
1H,1H,2H,2H-Perfluorodecylmet hylchlorosilane	3102-79-2	-	µg/kg	100	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	10	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	10	ND



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Test Report

No.: SHAEC24011318501

Date: Aug 19, 2024

Page 45 of 123

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A608+A61 2
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND
Conclusion					Pass

Notes:

- (1) 1µg/kg=1ppb.
- (2) Until 25 August 2024, the concentration limit for the sum of C9-C14 PFCAs in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups. From 25 August 2024, the concentration limit shall be 100 ppb for the sum of C9-C14 PFCAs, in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups.
- (3) The concentration limit shall be 1000ppb for the sum of C9-C14 PFCAs, where these are present in PTFE micro powders produced by ionising irradiation or by thermal degradation, as well as in mixtures and articles for industrial and professional uses containing PTFE micro powders.
- (4) ^=Substances refer to its salts/derivative listed in below table.

Substance Name	CAS No.
PFNA, its salts	
Perfluorononane Acid (PFNA)	375-95-1
Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8
Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH ₄)	4149-60-4
Potassium perfluorononanoate (PFNA-K)	21049-38-7
Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3
Silver perfluorononanoate (PFNA-Ag)	7358-16-9
Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) (PFNA-NH ₂ (C ₂ H ₅) ₂)	77032-27-0
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7
Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7
Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0
Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2
Perfluorononanoate (anion)	72007-68-2
PFDA, its salts	
Perfluorodecane Acid (PFDA)	335-76-2
Sodium perfluorodecanoate (PFDA-Na)	3830-45-3
Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7
Potassium perfluorodecanoate (PFDA-K)	51604-85-4
Silver perfluorodecanoate (PFDA-Ag)	5784-82-7
Lithium perfluorodecanoate (PFDA-Li)	84743-32-8
Perfluorodecanoate (anion)	73829-36-4
PfUnDA, its salts	
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8
Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7
Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5
Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
Perfluoroundecanoate (anion)	196859-54-8
PFDODA, its salts	
Perfluorododecanoic Acid (PFDODA)	307-55-1



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Ammonium tricosafuorododecanoate (PFDoDA-NH ₄)	3793-74-6
Sodium perfluorododecanoate (PFDoDA-Na)	60872-01-7
Perfluorododecanoate (anion)	171978-95-3
PFTrDA, its salts	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8
Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6
Perfluorotridecanoate (anion)	862374-87-6
PFTDA, its salts	
Perfluorotetradecanoic Acid (PFTDA)	376-06-7
Perfluorotetradecanoate (anion)	365971-87-5
PFDS, its salts	
Perfluorodecane Sulfonate (PFDS)	335-77-3
Perfluorodecanesulfonate Na-salt (PFDS-Na)	2806-15-7
Perfluorodecanesulfonate K-salt (PFDS-K)	2806-16-8
Perfluorodecanesulfonic acid ammonium salt (PFDS-NH ₄)	67906-42-7
Perfluorodecane sulfonate (anion)	126105-34-8
PFNS, its salts	
Perfluoro nonane sulfonic acid (PFNS)	68259-12-1
Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2
ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5
Perfluorononane sulfonate (anion)	474511-07-4
PFUnDS, its salts	
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1
Perfluoroundecanesulfonate (anion)	441296-91-9
PFDoDS, its salts	
Perfluorododecanesulfonic acid (PFDoDS)	79780-39-5
Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na)	1260224-54-1
Potassium perfluorododecanesulfonate (PFDoDS-K)	85187-17-3
Perfluorododecane sulfonate (anion)	343629-43-6
PFTrDS, its salts	
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8
Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na)	174675-49-1
8:2 FTS, its salts	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4
Potassium 1H,1H,2H,2H-Perfluorodencane sulfonate (8:2 FTS-K)	438237-73-1
Ammonium 1H,1H,2H,2H-Perfluorodencane sulfonate (8:2 FTS-NH ₄)	149724-40-3
Sodium 1H,1H,2H,2H-Perfluorodencane sulfonate (8:2 FTS-Na)	27619-96-1
H ₂ PFDA/8:2 FTCA, its salts	
2H,2H-Perfluorodecane Acid (H ₂ PFDA/8:2 FTCA)	27854-31-5
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7
8:2diPAP, its salts	
Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2diPAP)	678-41-1
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6
H ₄ PFUnDA/ 8:3 FTCA, its salts	
2H,2H,3H,3H-Perfluoroundecanoic acid (H ₄ PFUnDA/ 8:3 FTCA)	34598-33-9
Potassium 2H,2H,3H,3H-Perfluoroundecanoate (H ₄ PFUnDA-K)	83310-58-1

(5) Only selected parts in sample photos were tested and drew the conclusion.

Remark:

Test was conducted on composite of random parts of the item as per client's request.

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.

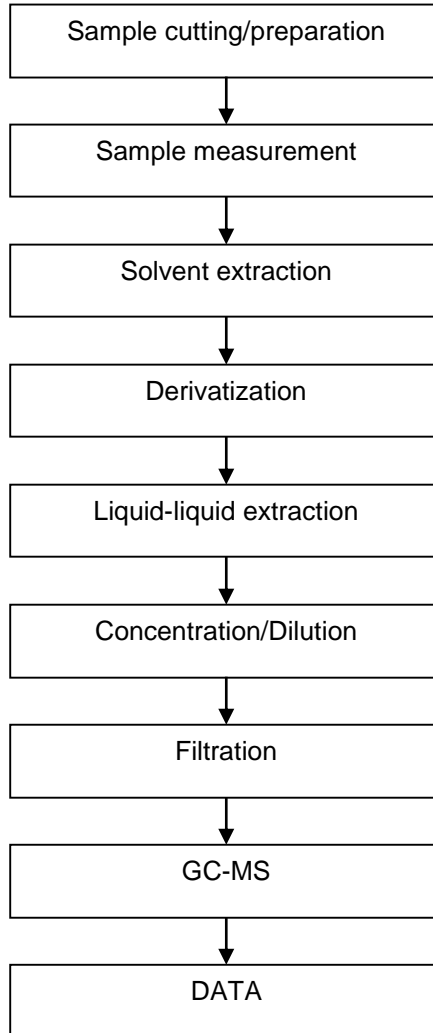


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CTS (Shanghai) Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Organotin Testing Flow Chart



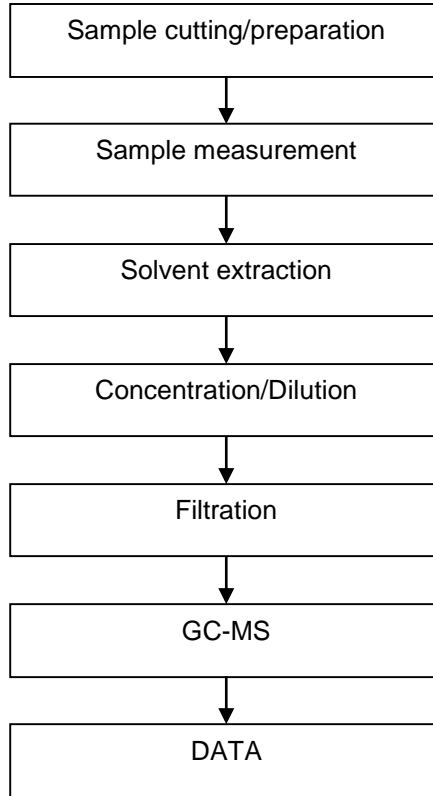
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

PAHs Testing Flow Chart



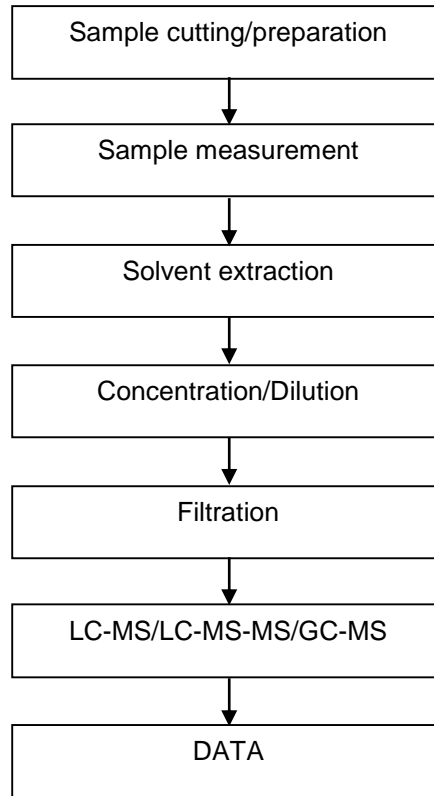
SGS-CSST (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

PFASs/ PFOS/PFOA Testing Flow Chart



SGS-CSSTC (Shanghai) Inspection & Testing Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Sample photos:

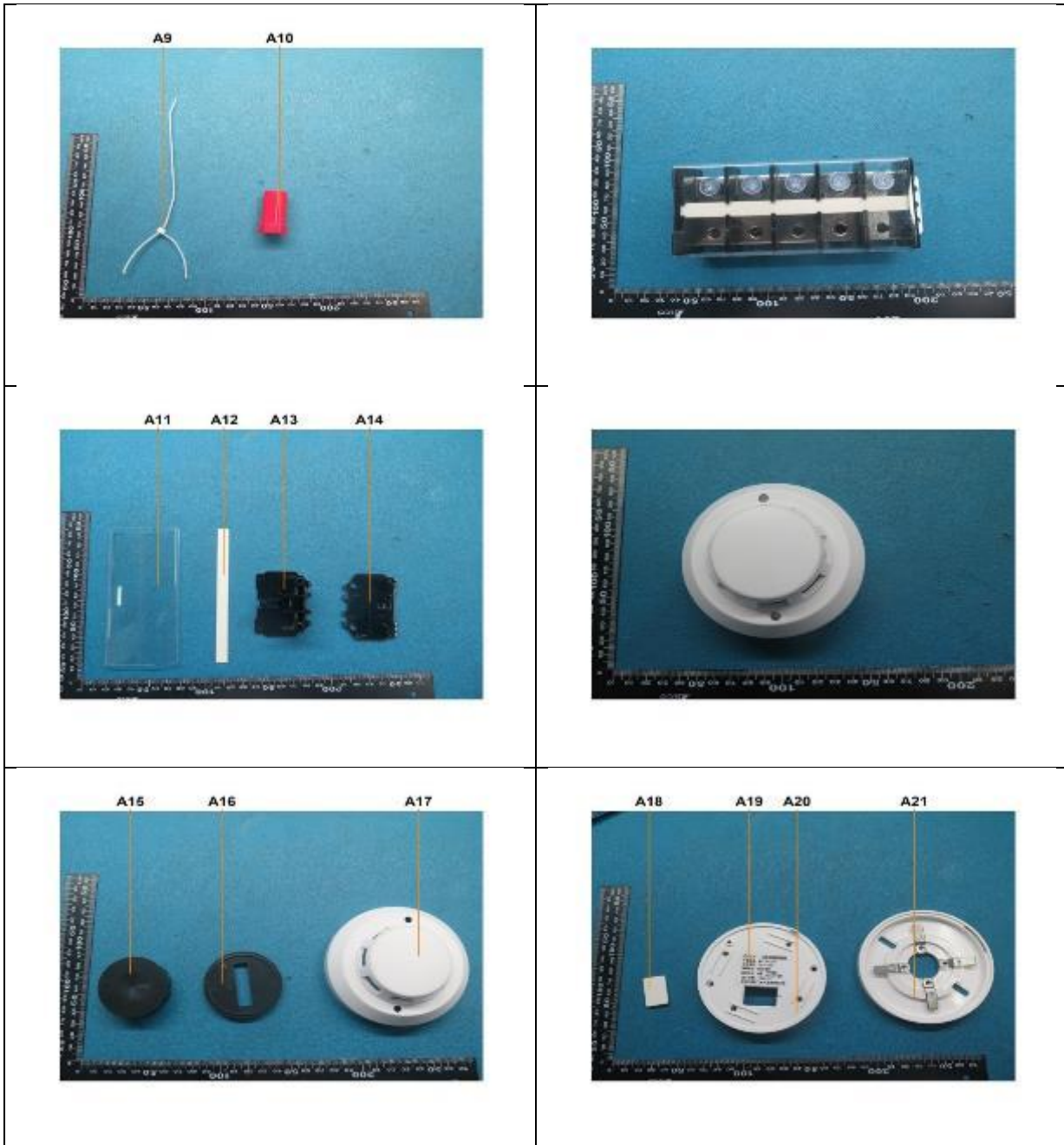


SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

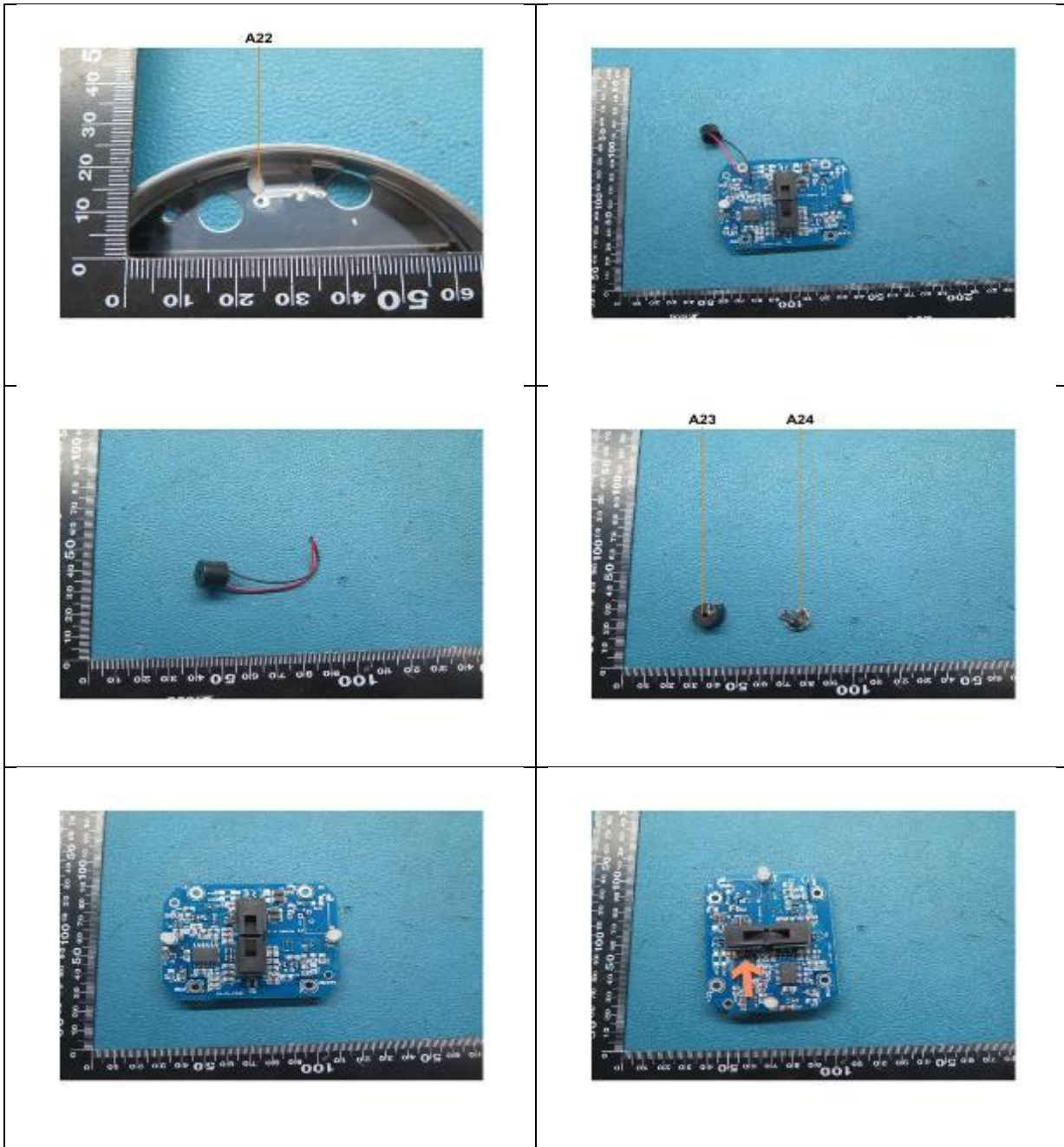
3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

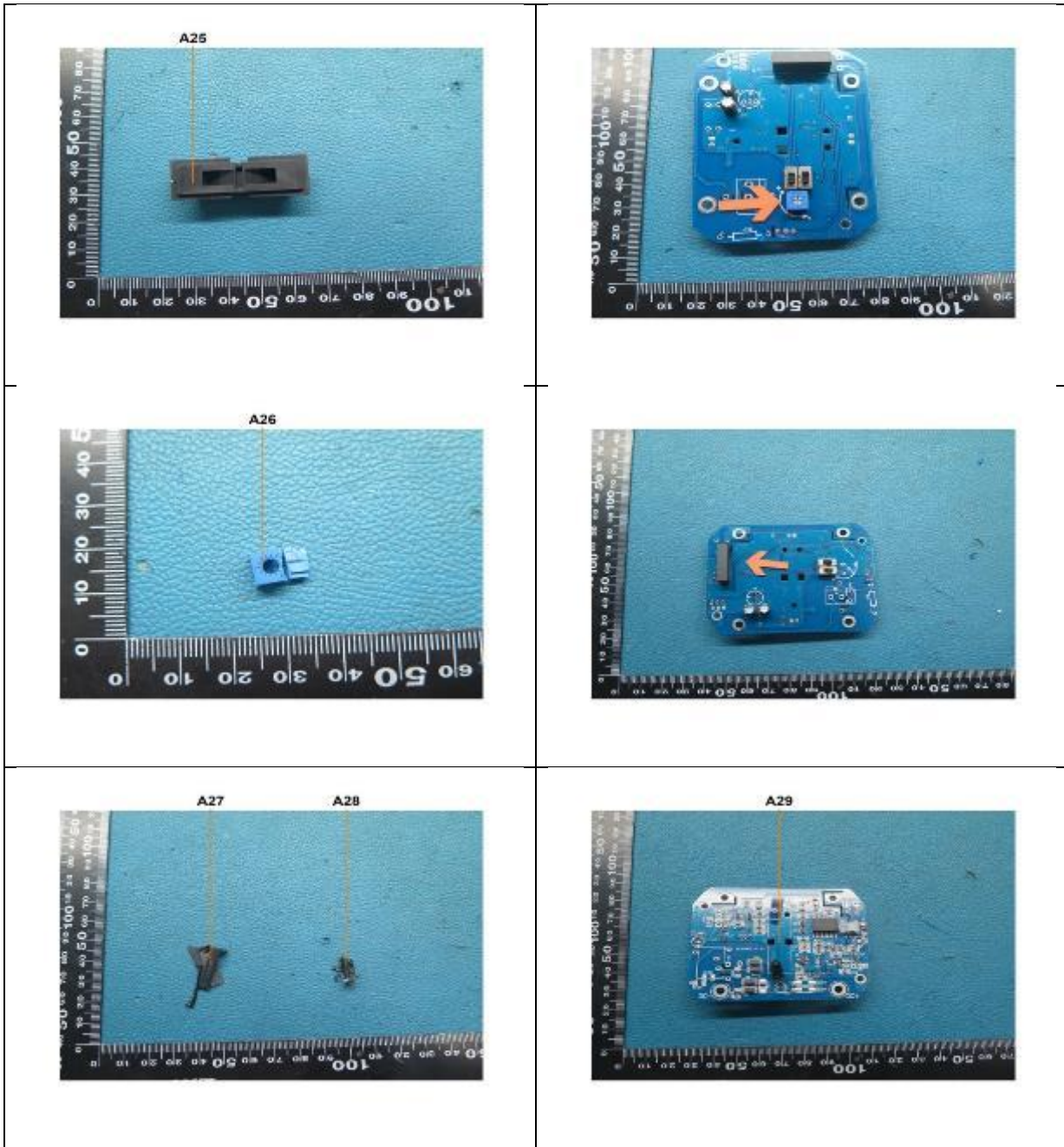
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



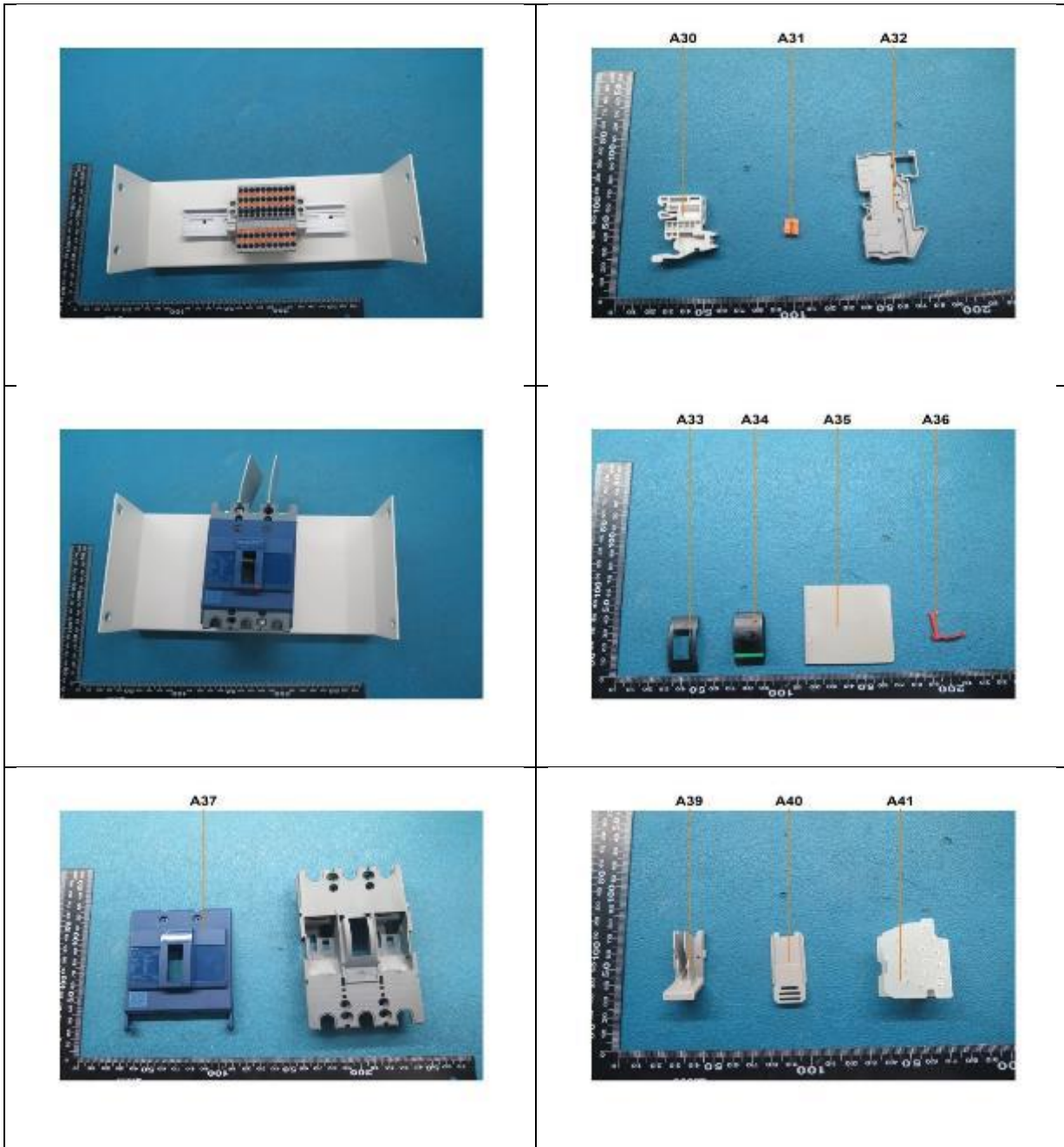
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

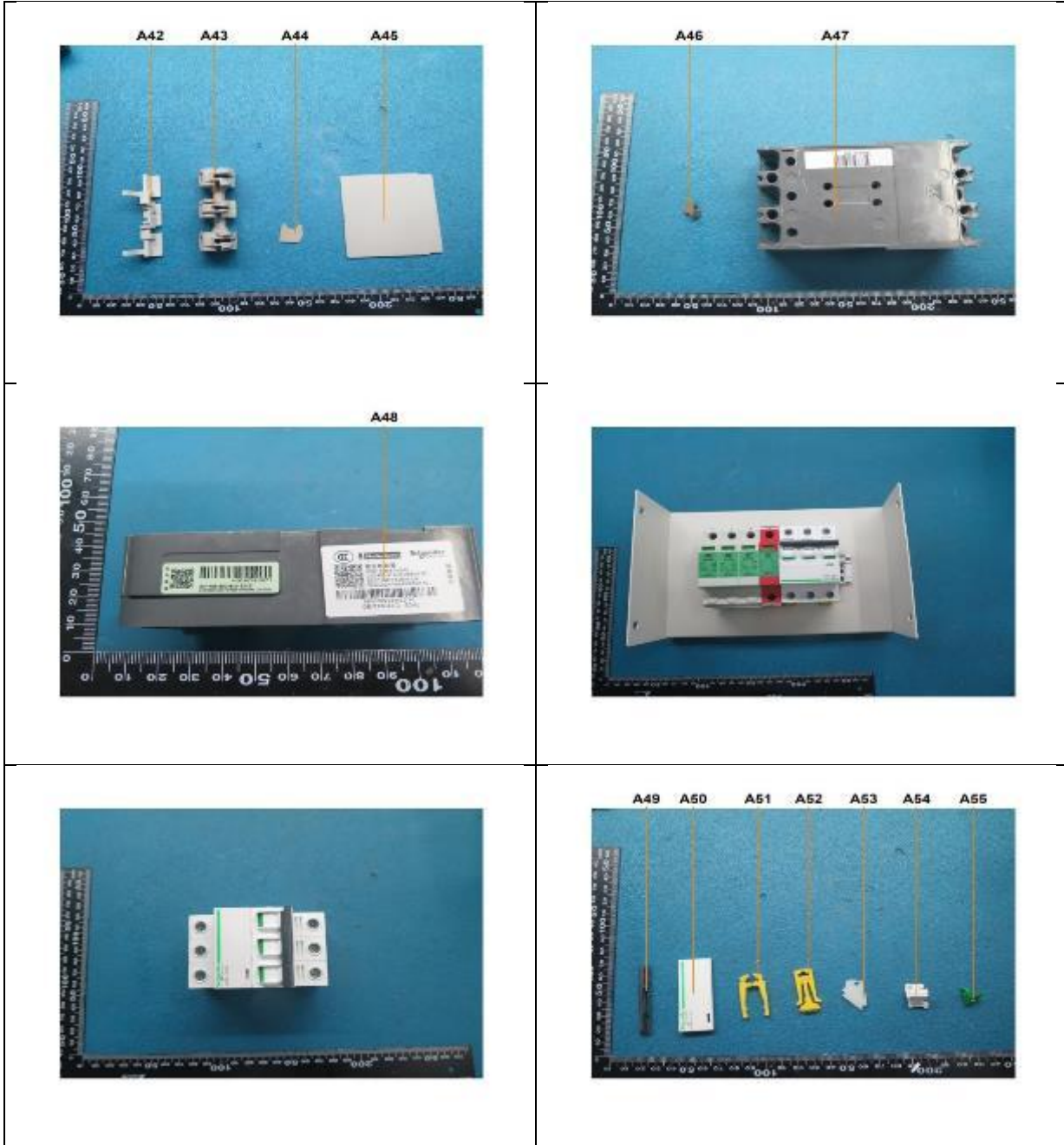


SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center - Client's Property

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

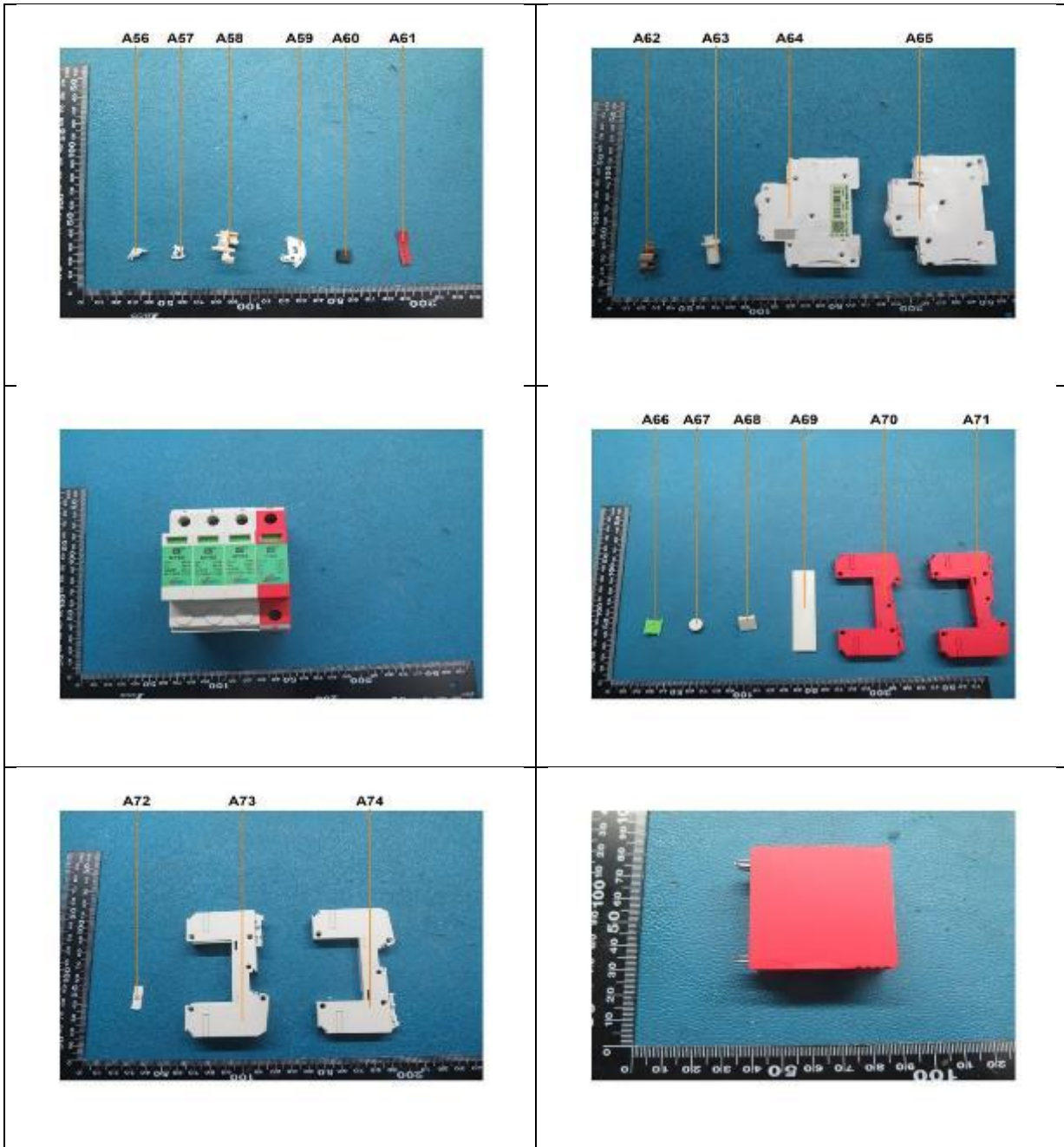


SGS CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

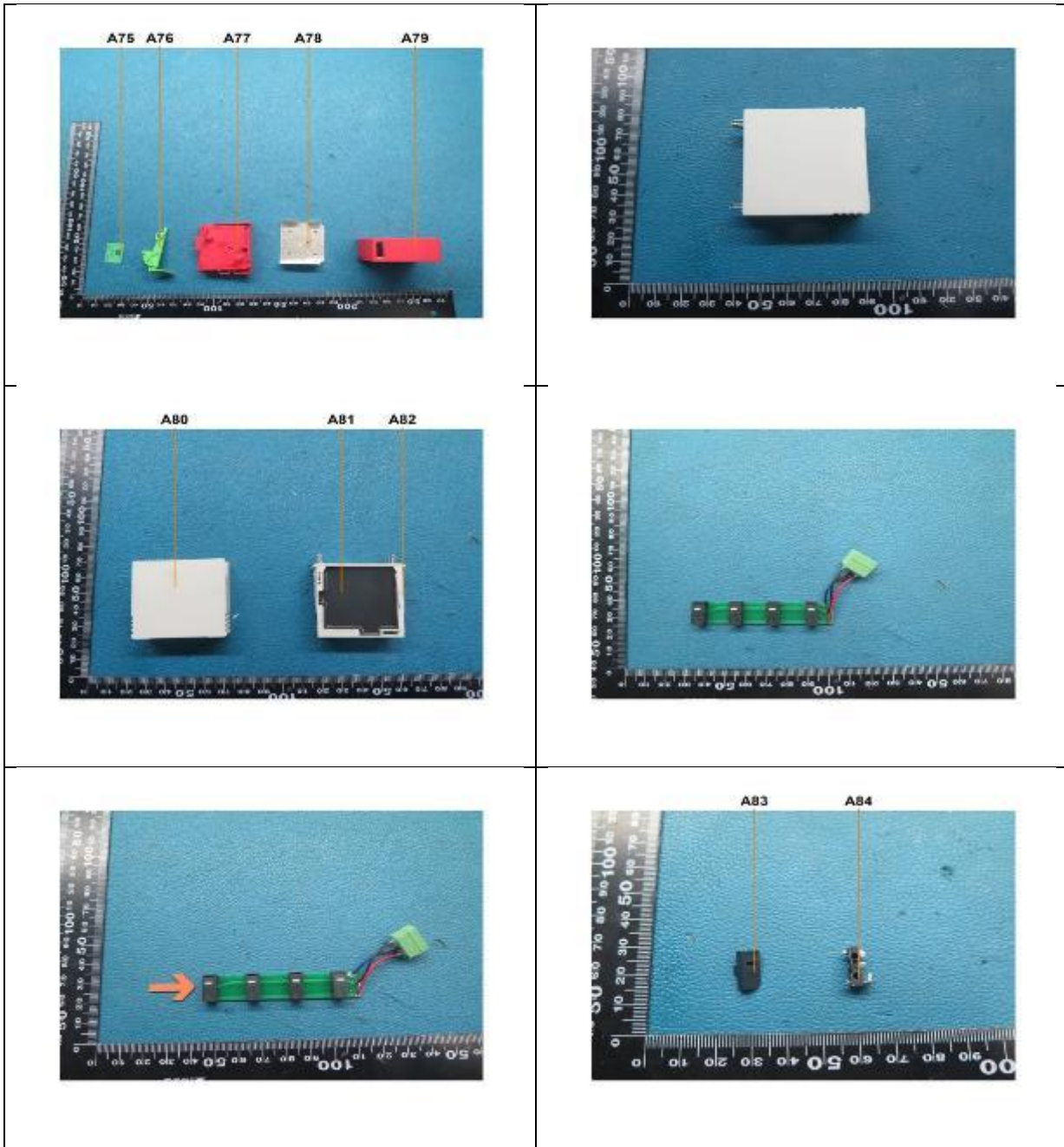
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

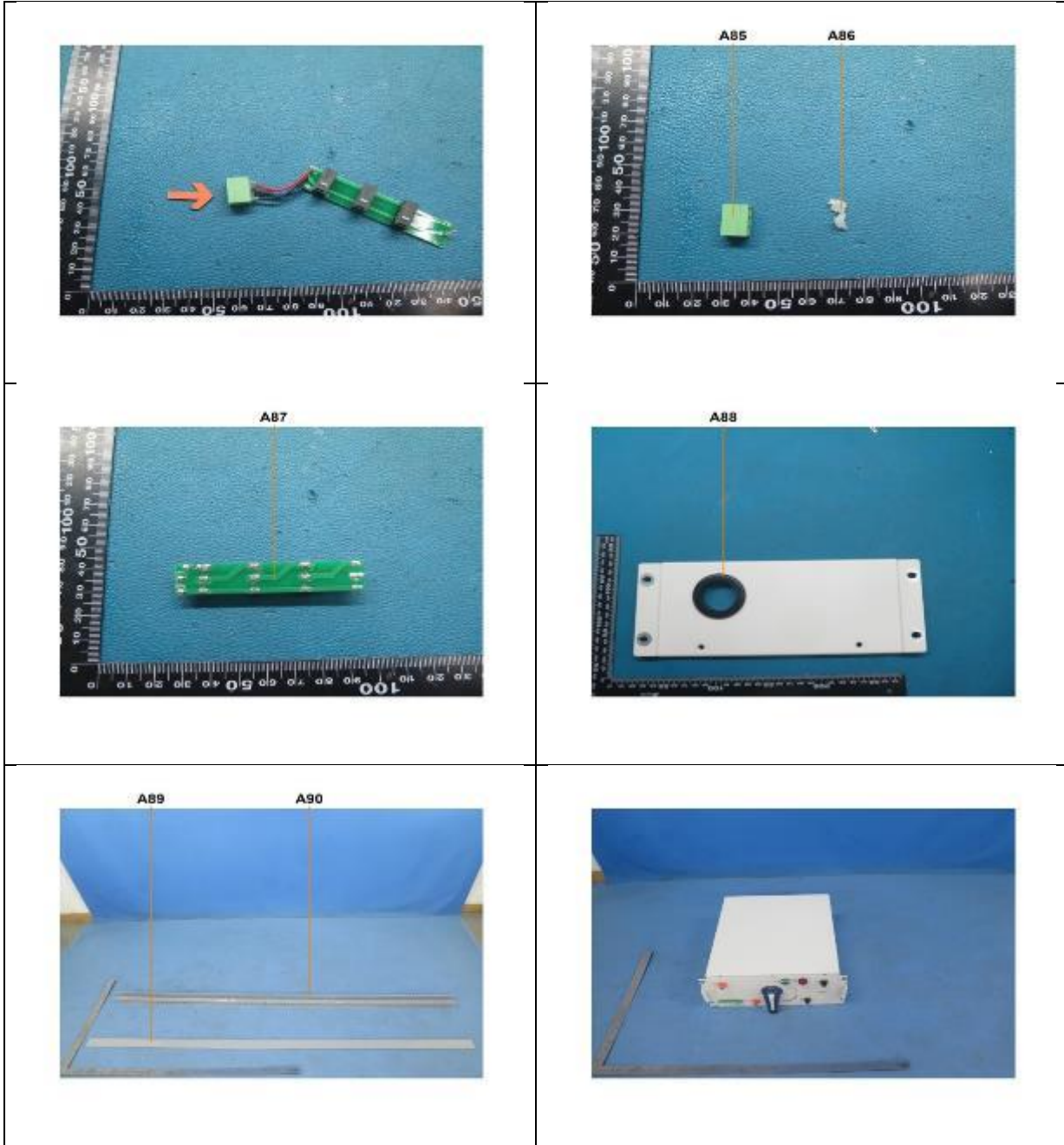
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

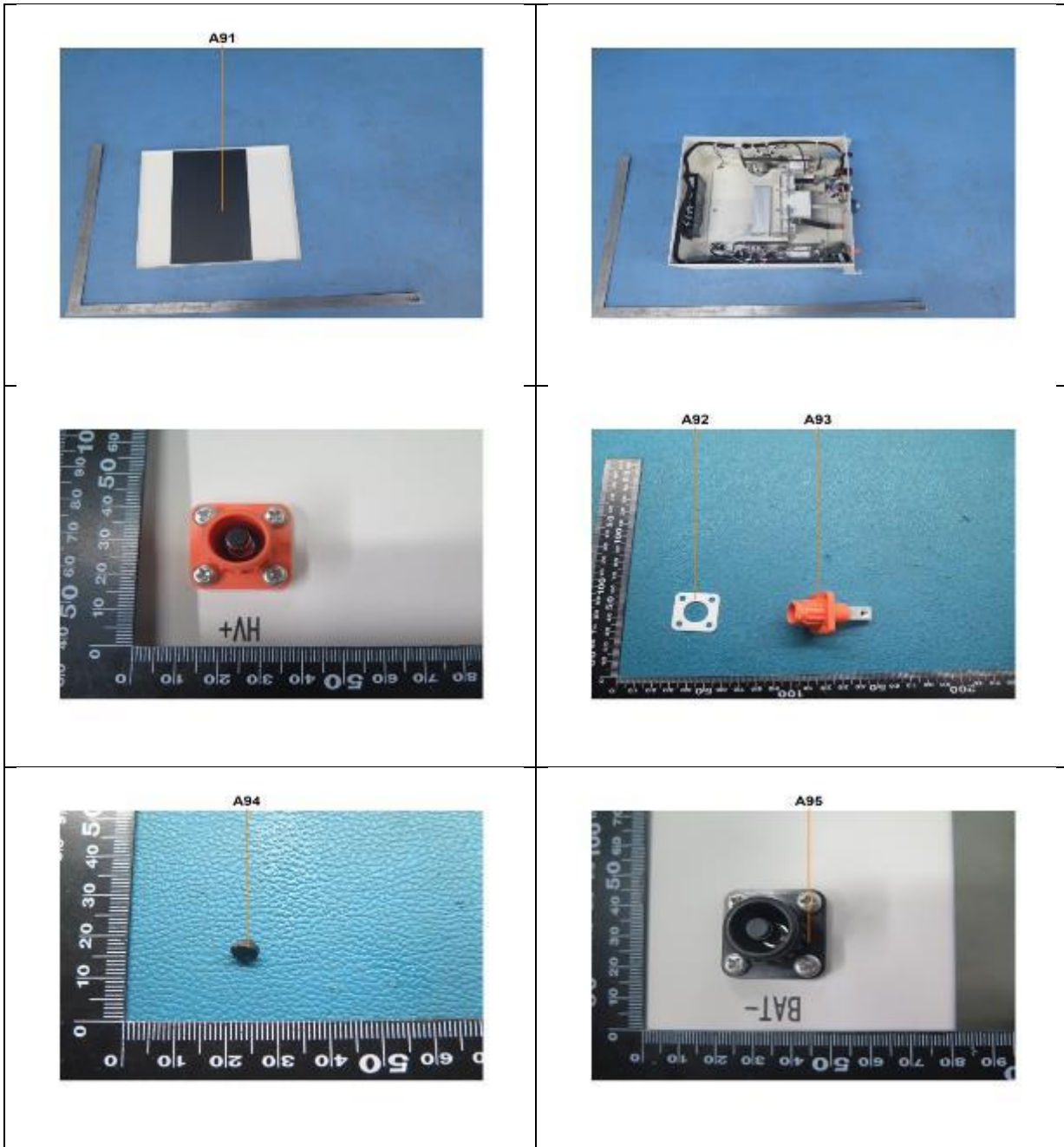


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals Sector

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

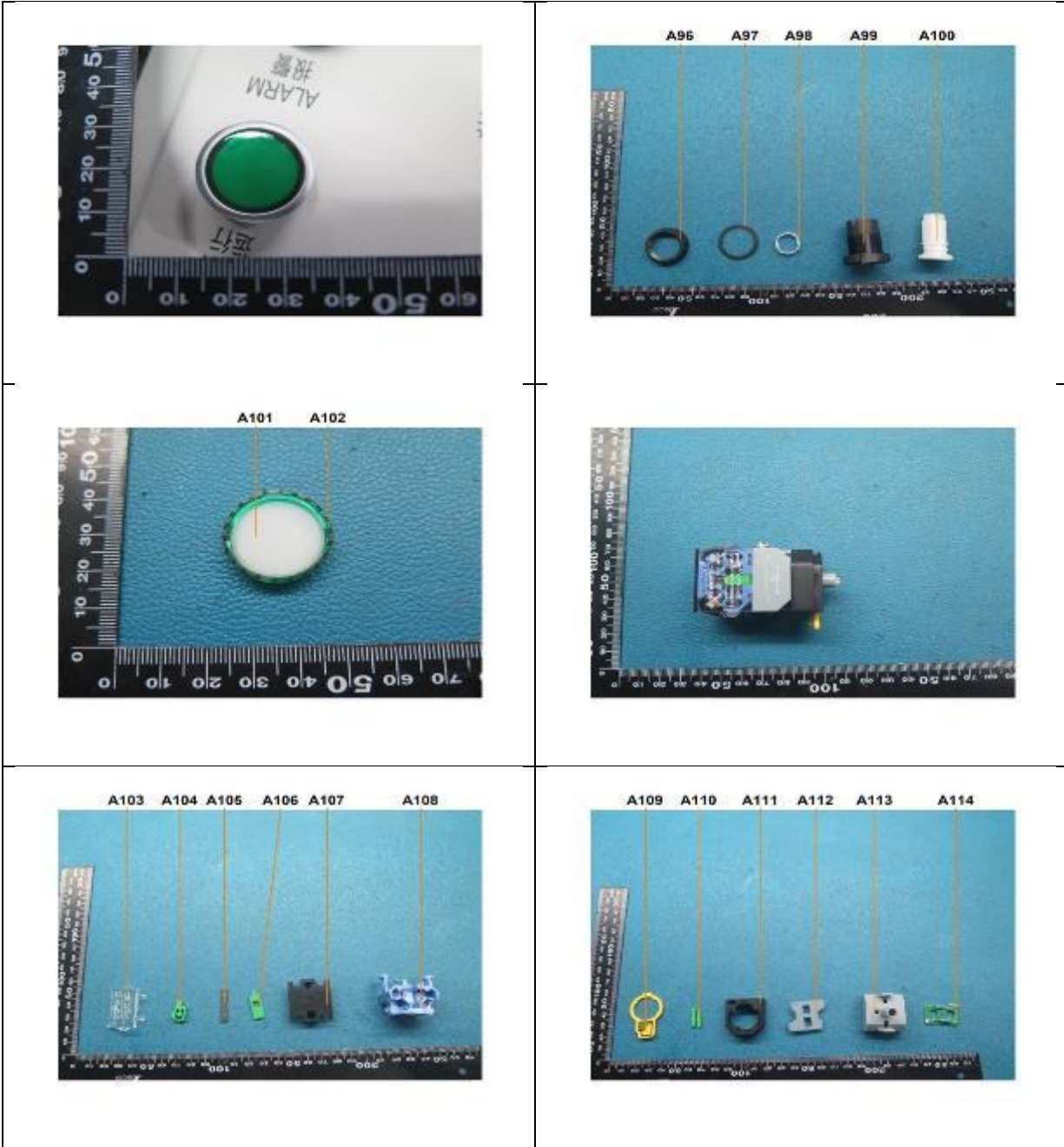
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

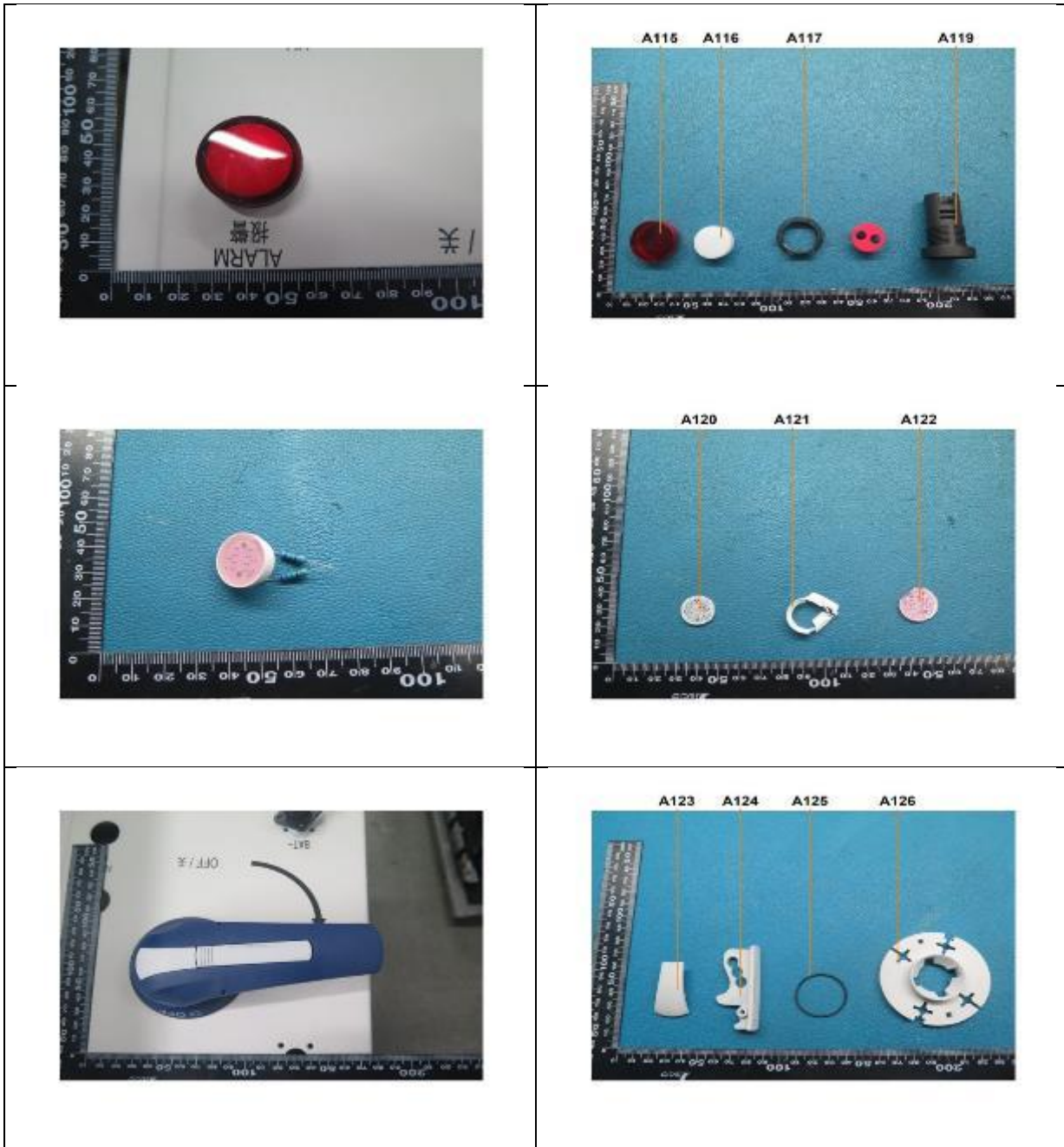
3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

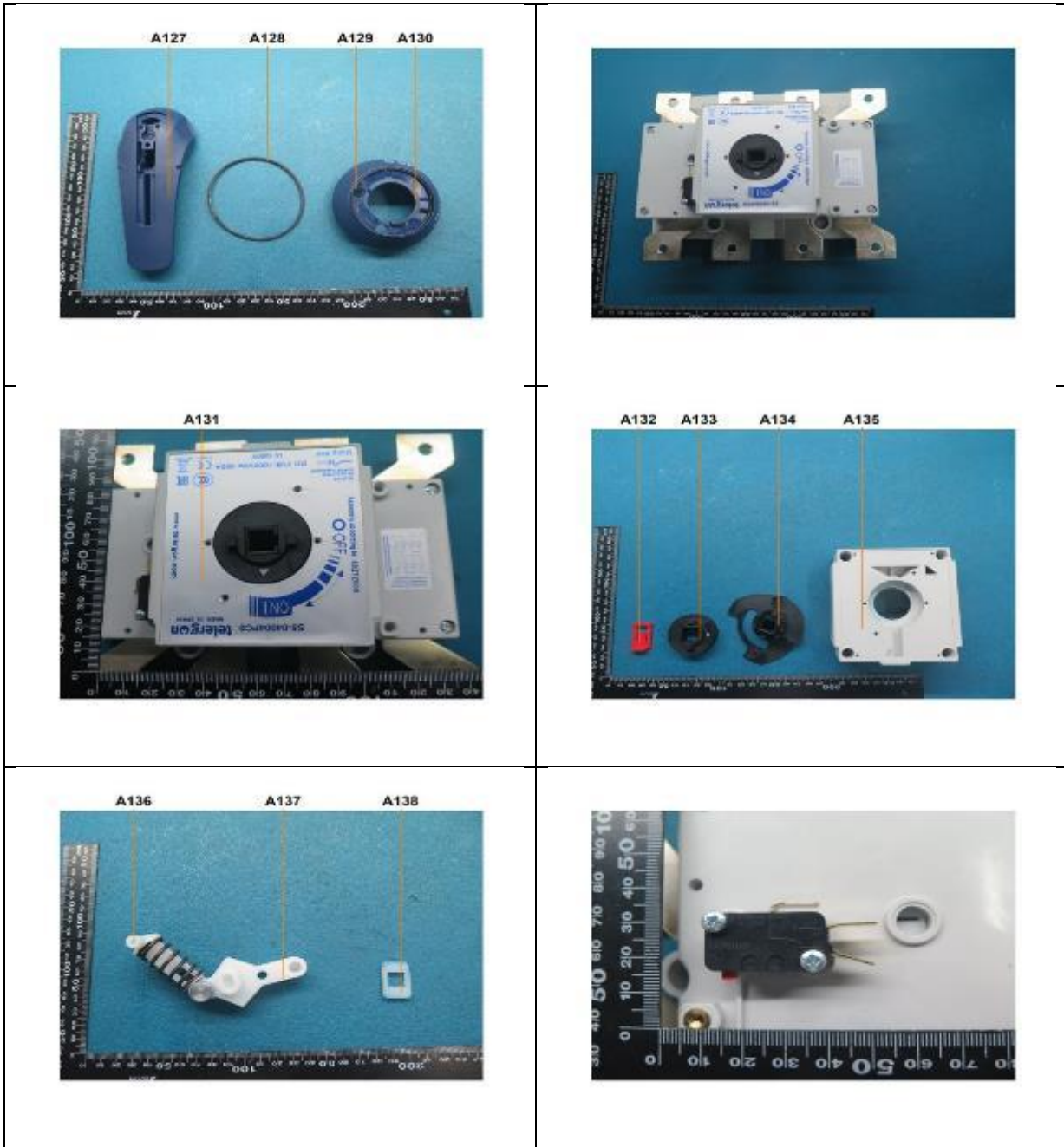


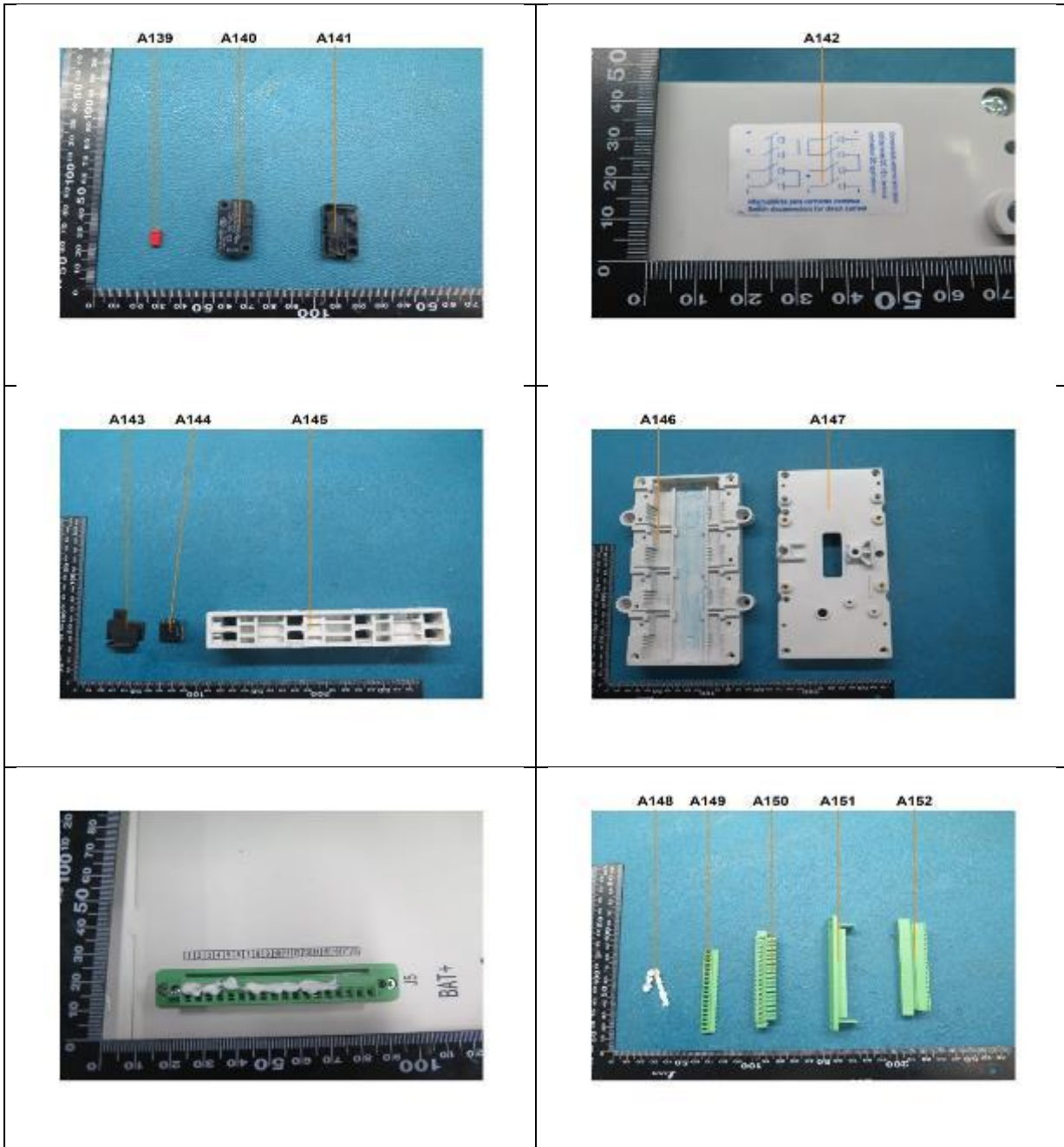


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



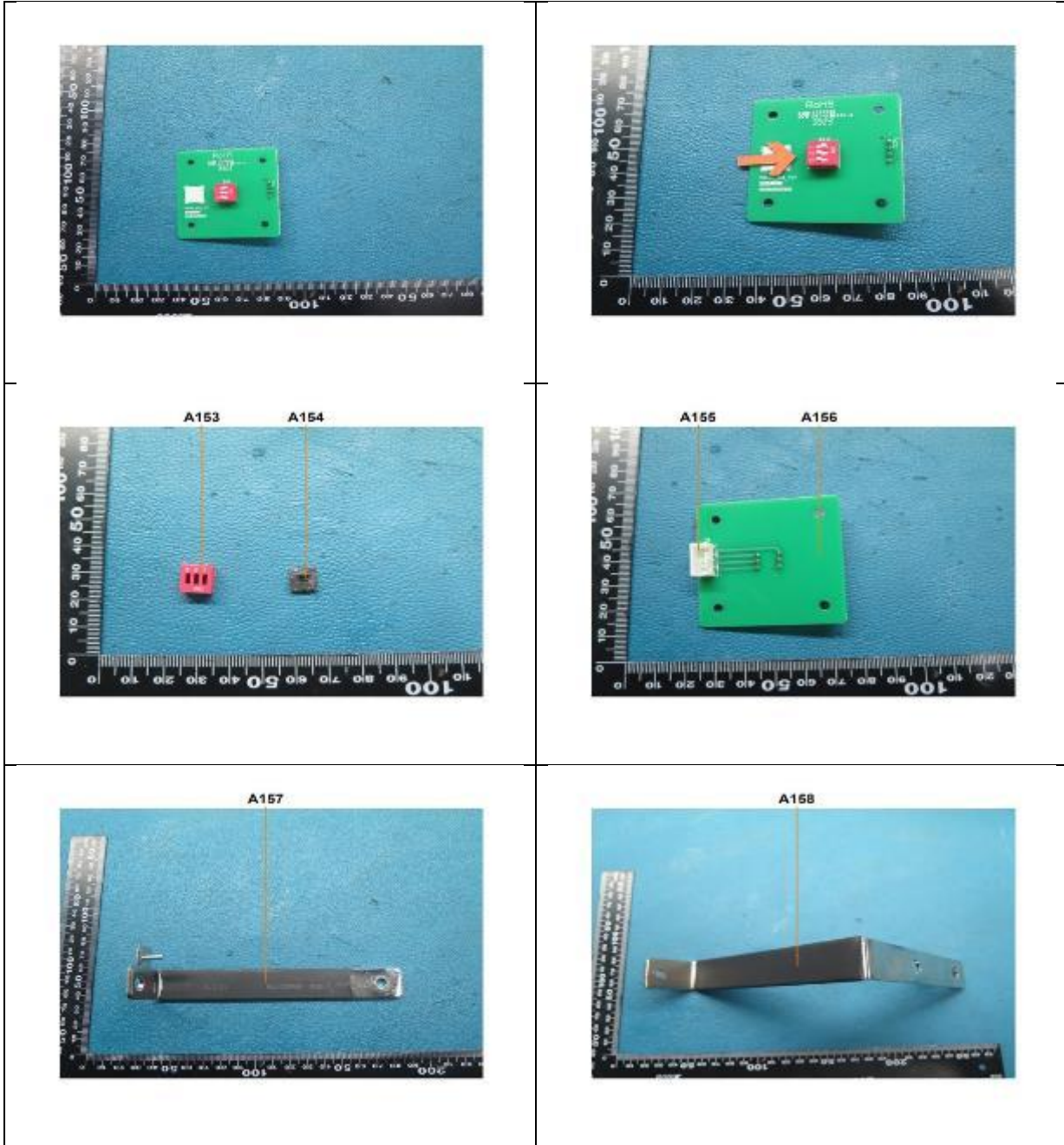


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

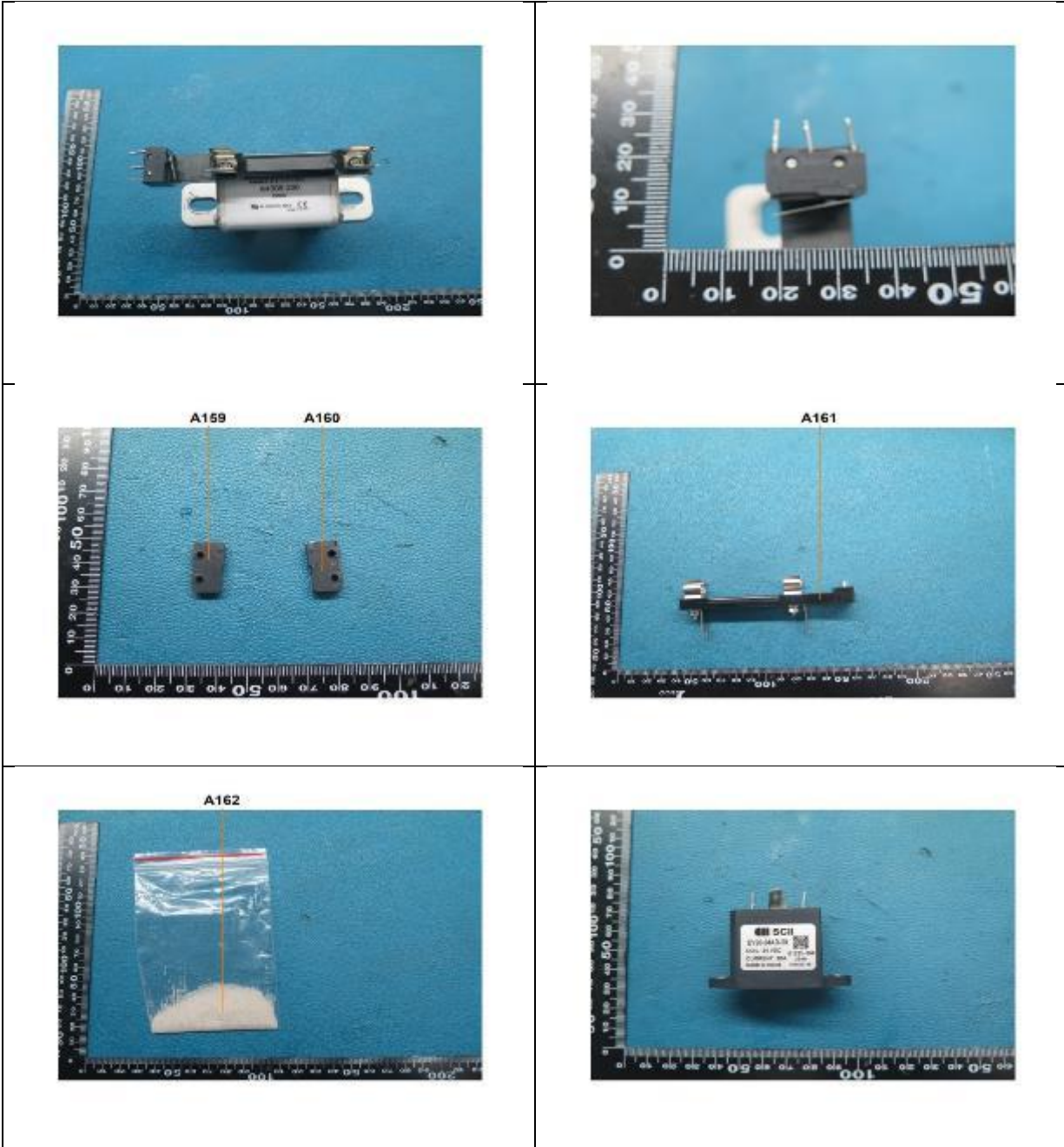
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

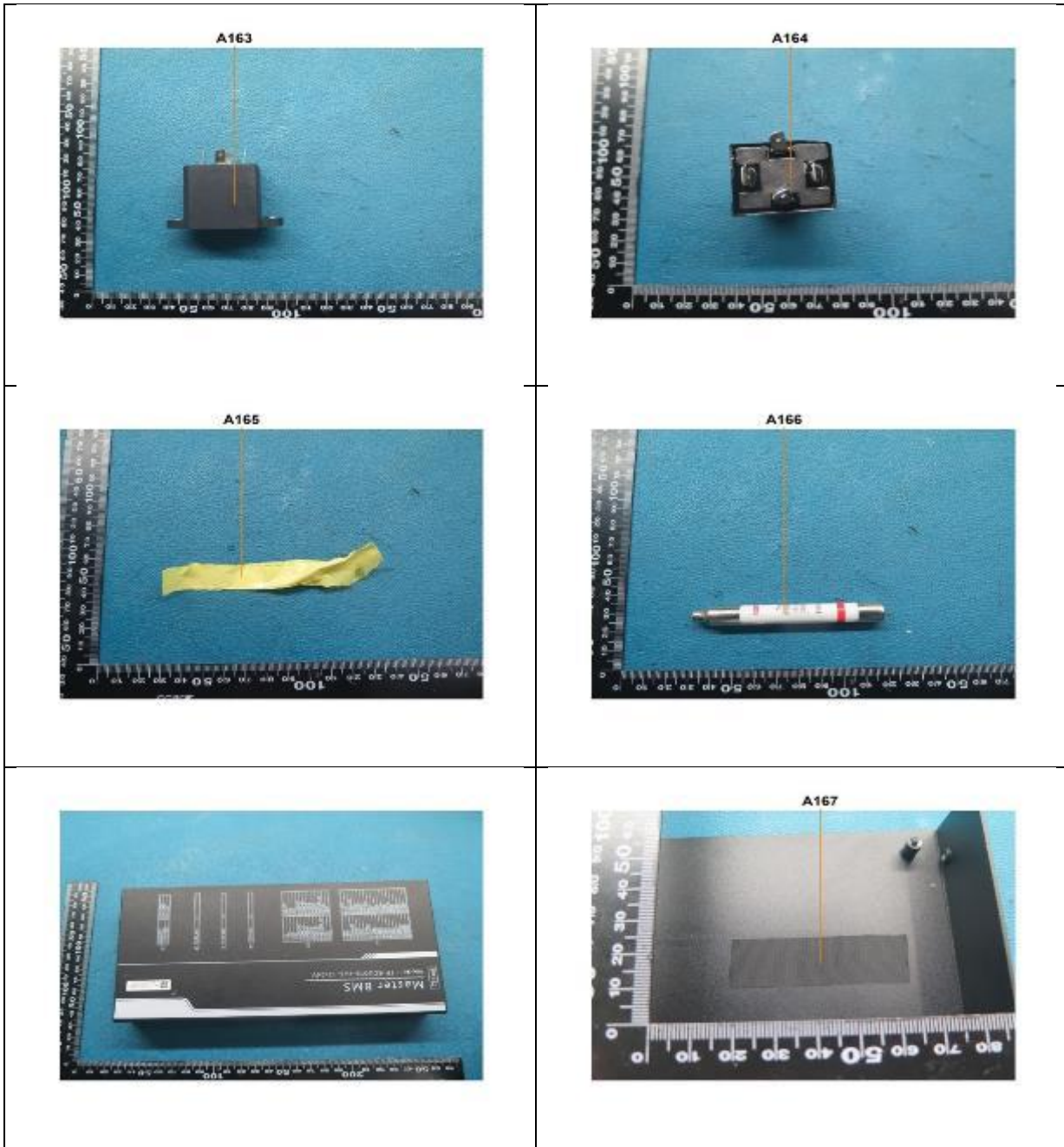
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

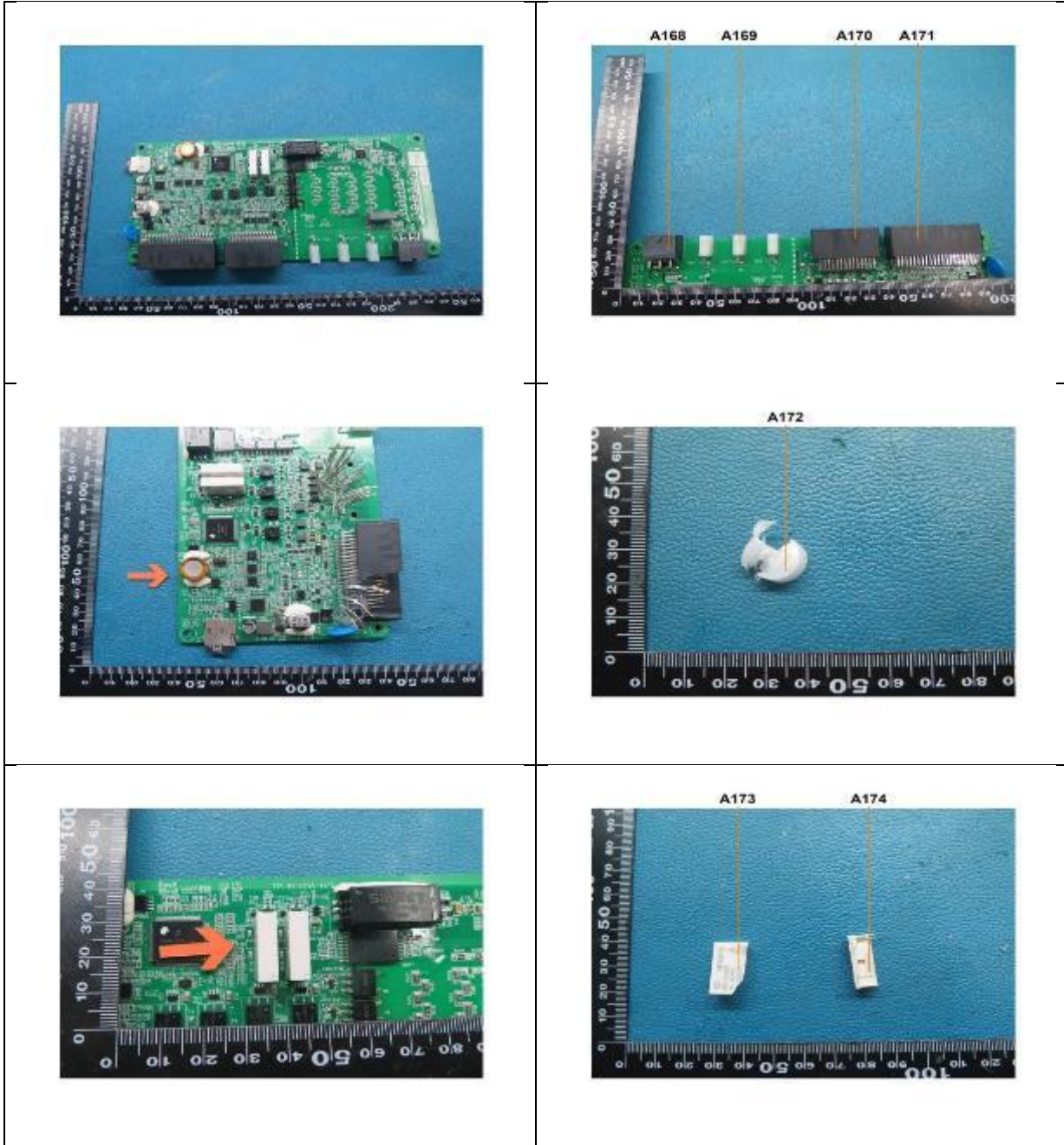


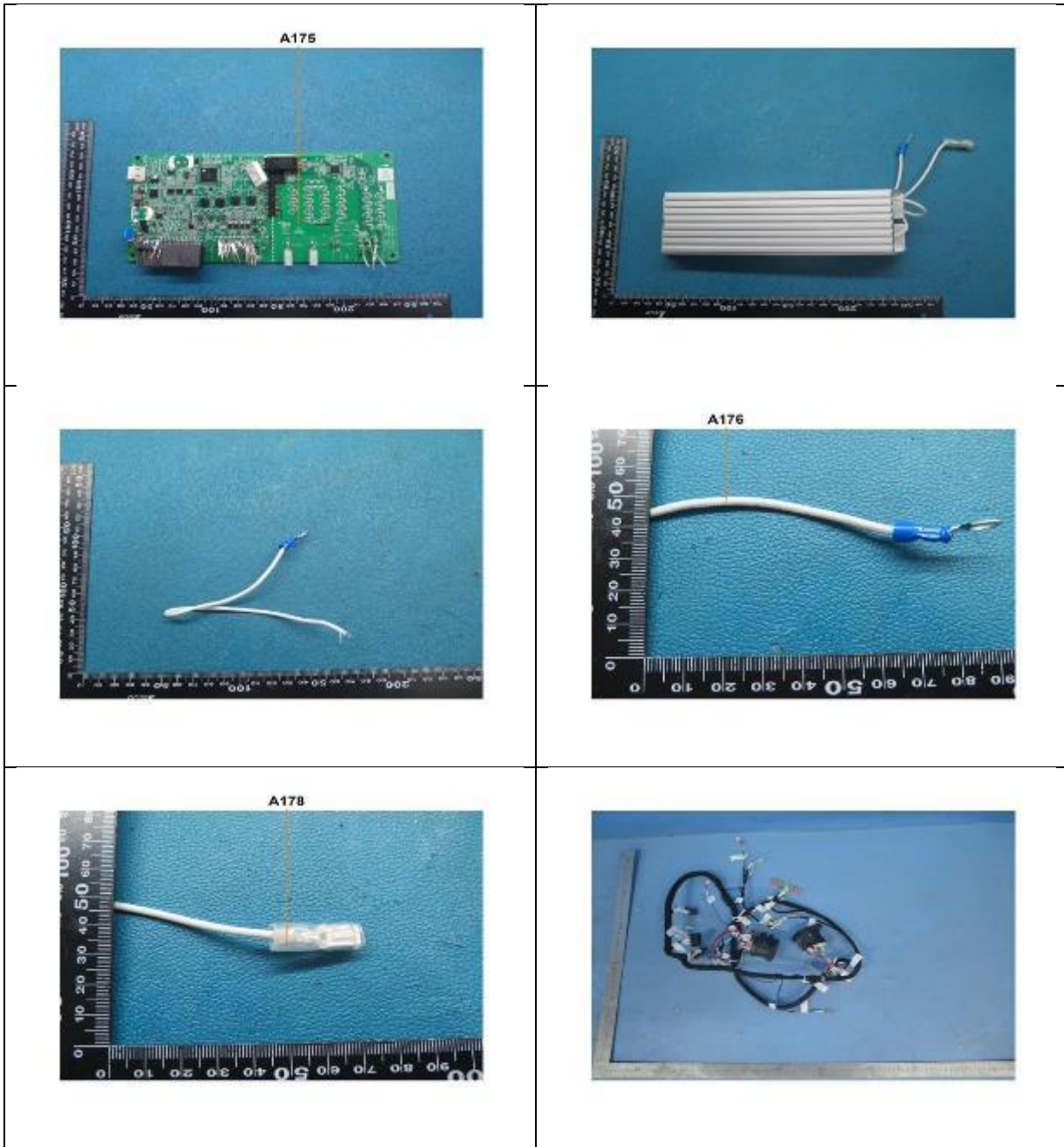
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

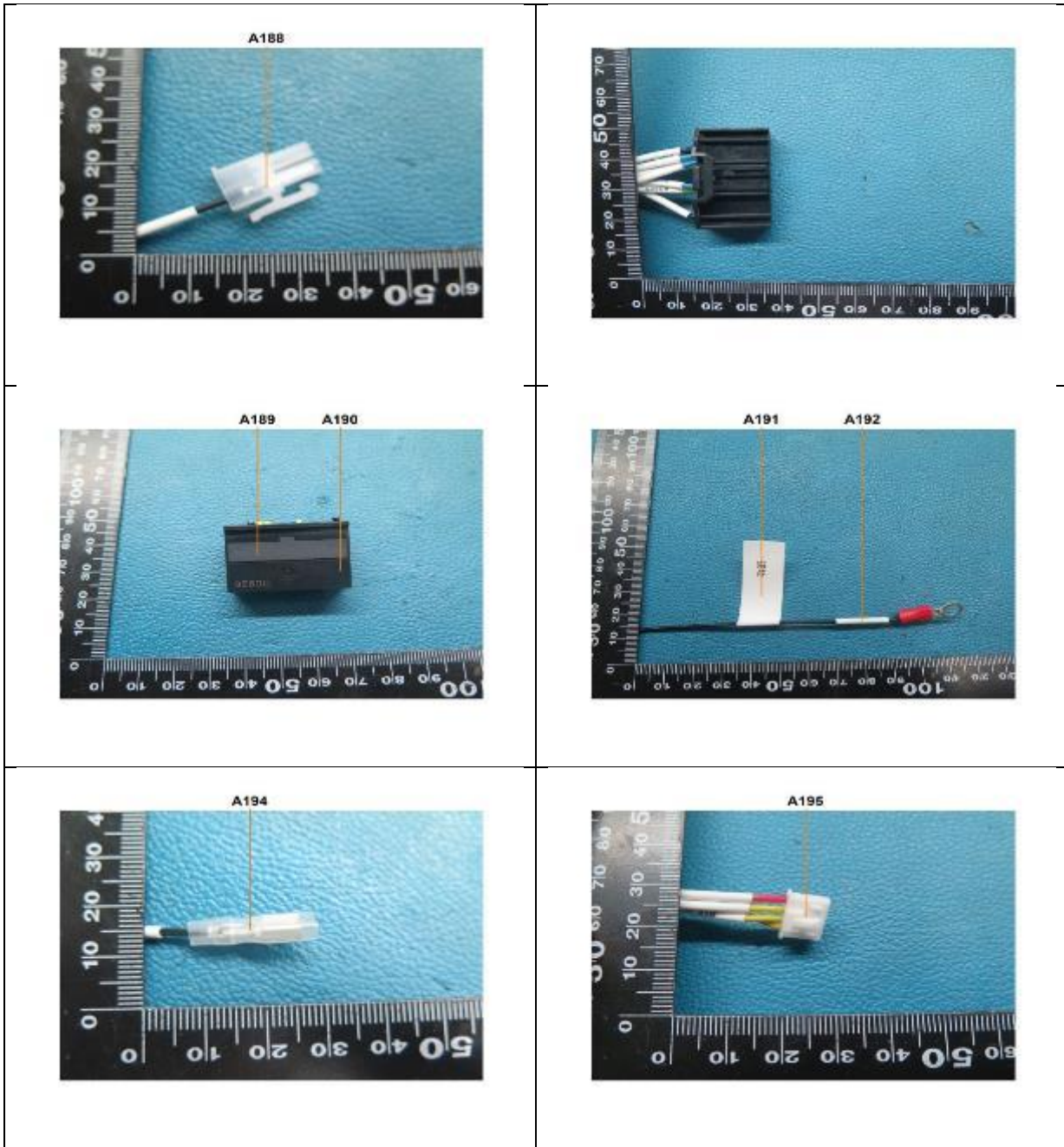
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

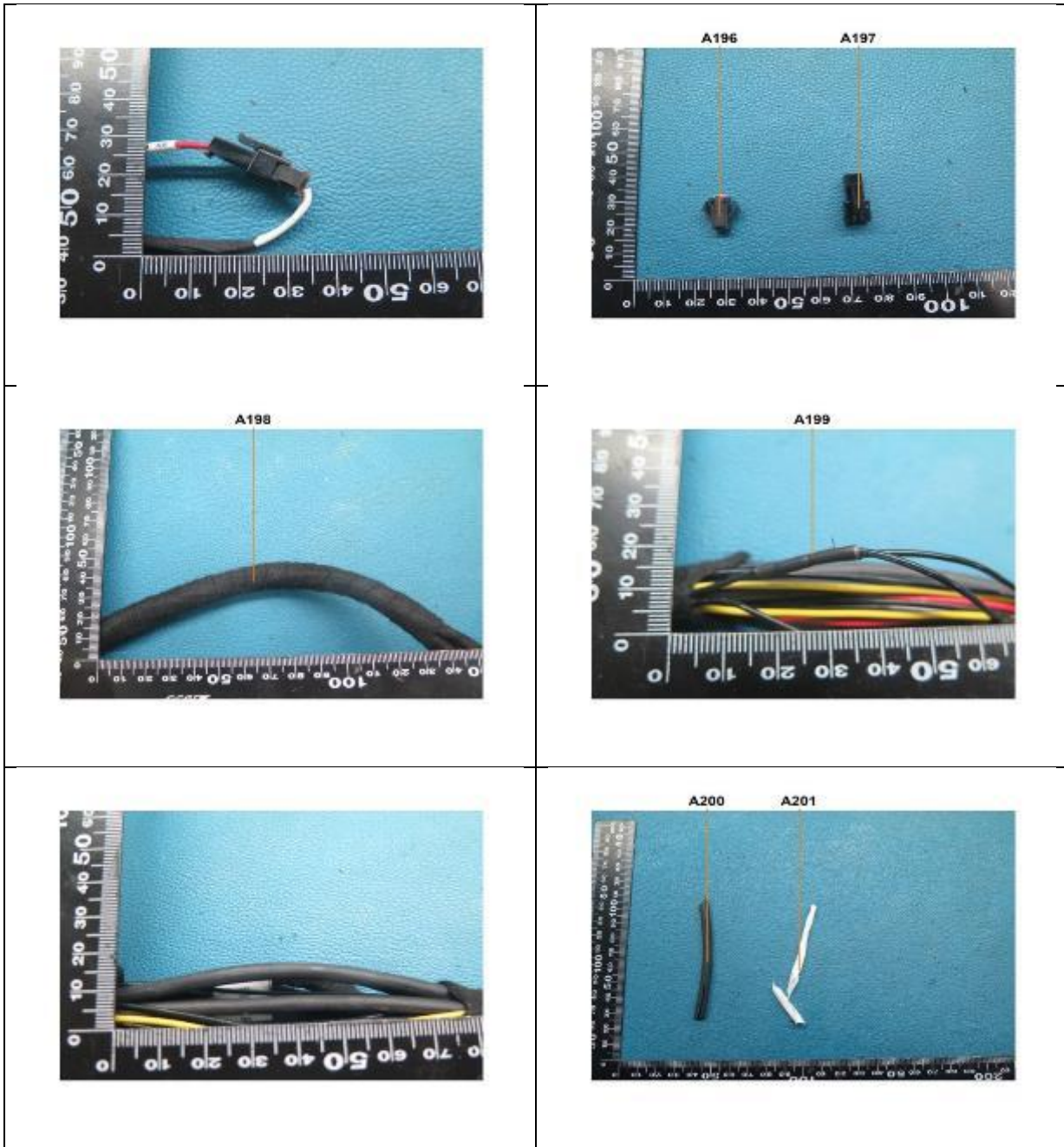
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

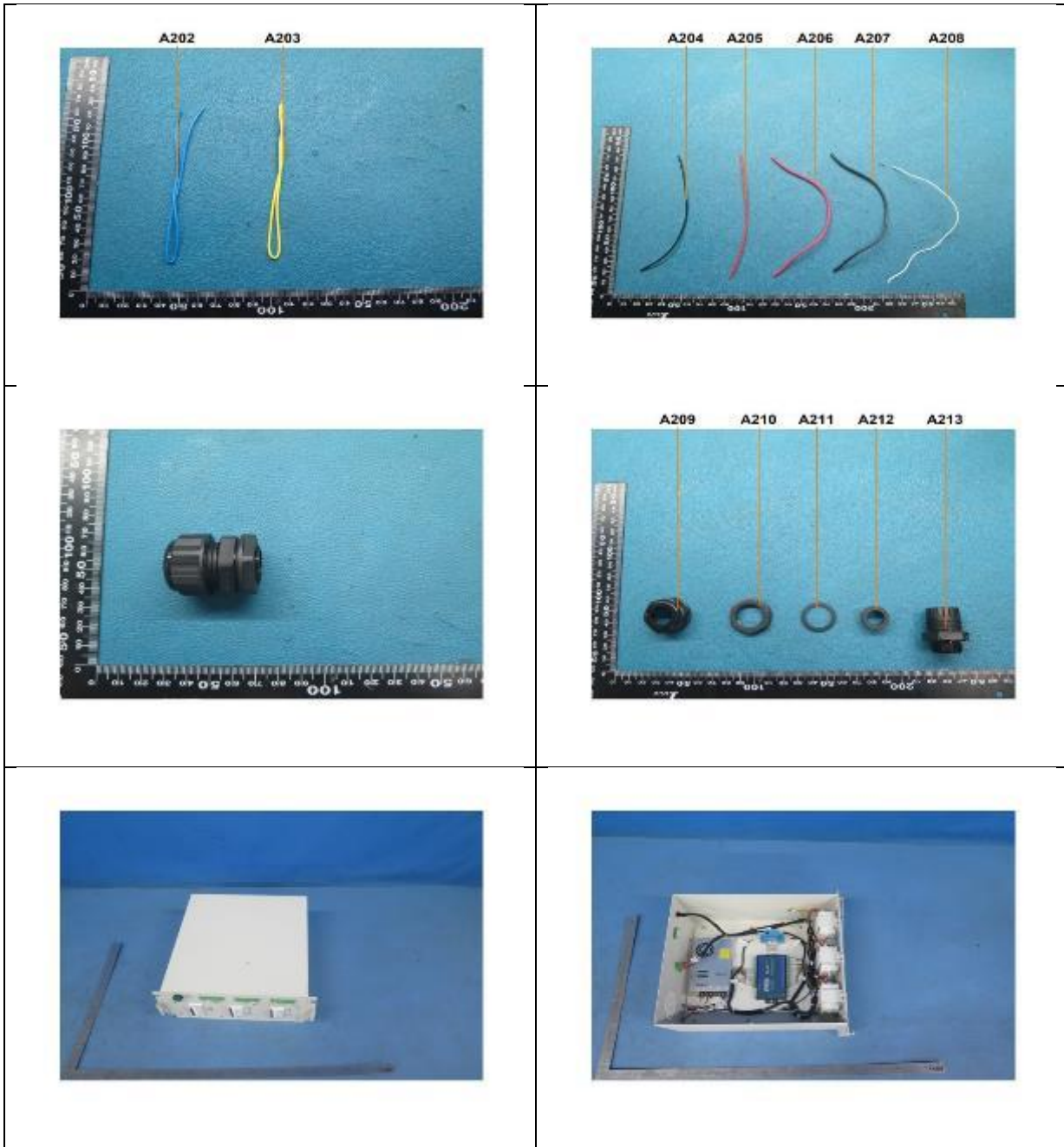


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

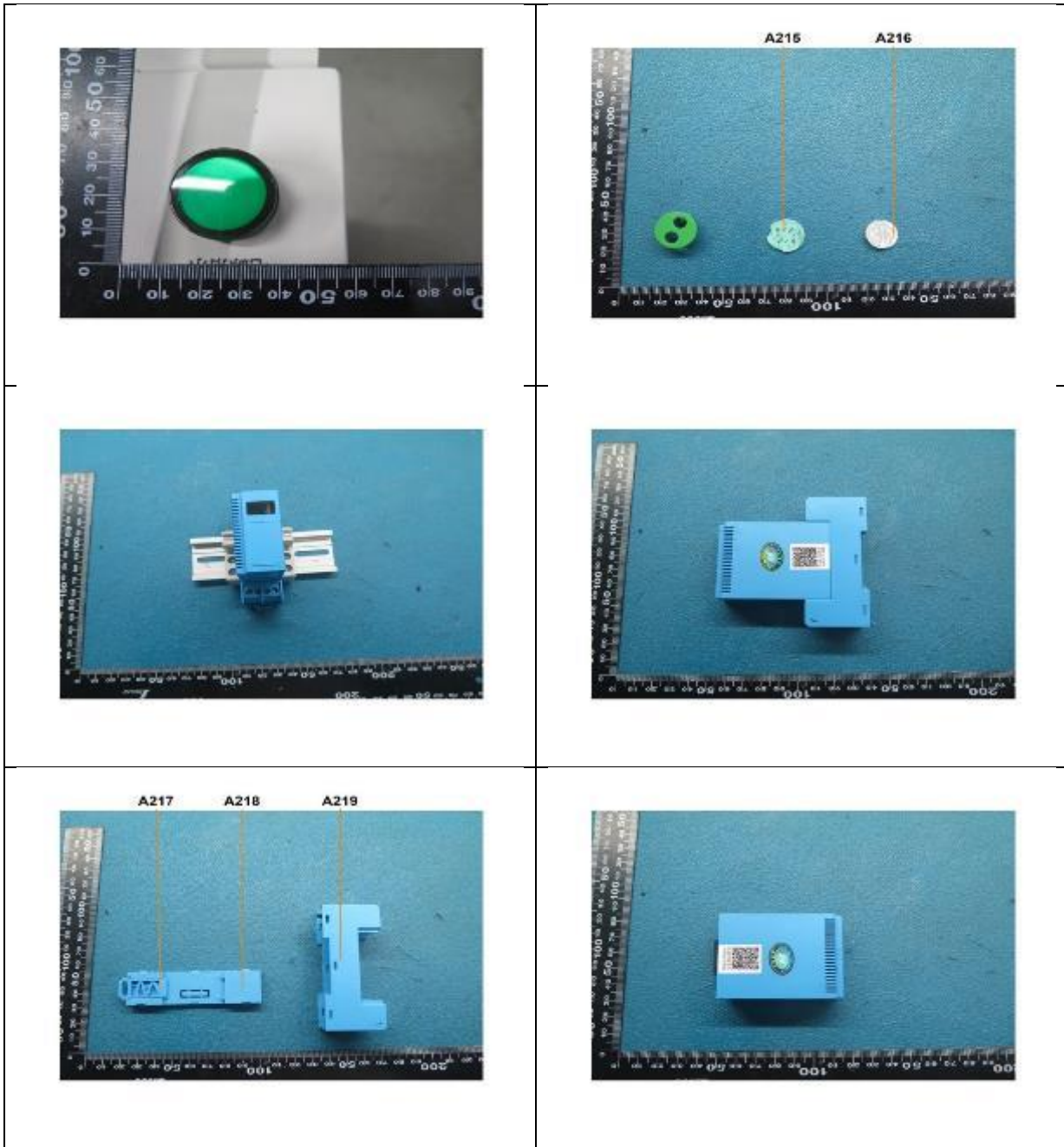


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

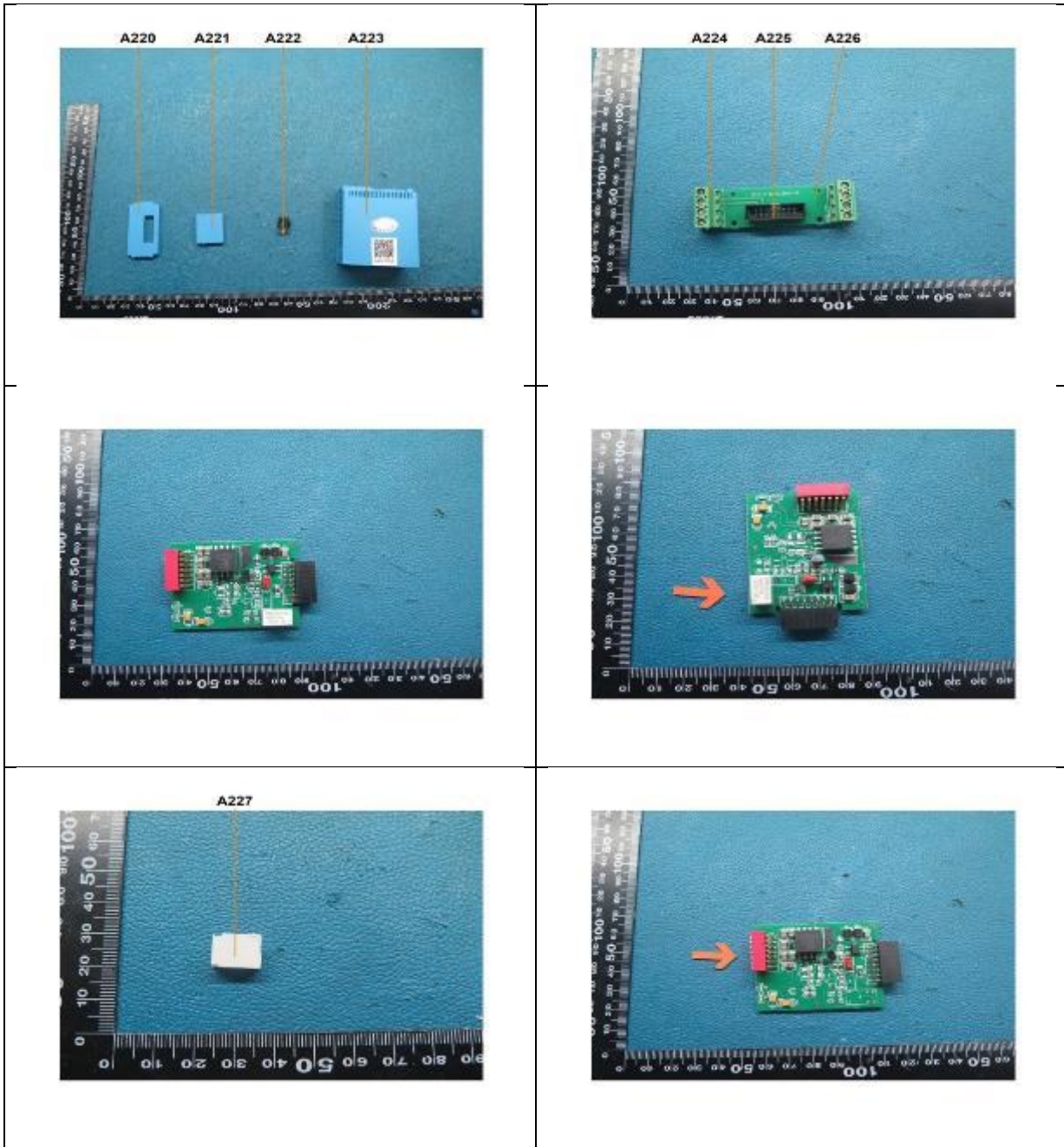
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

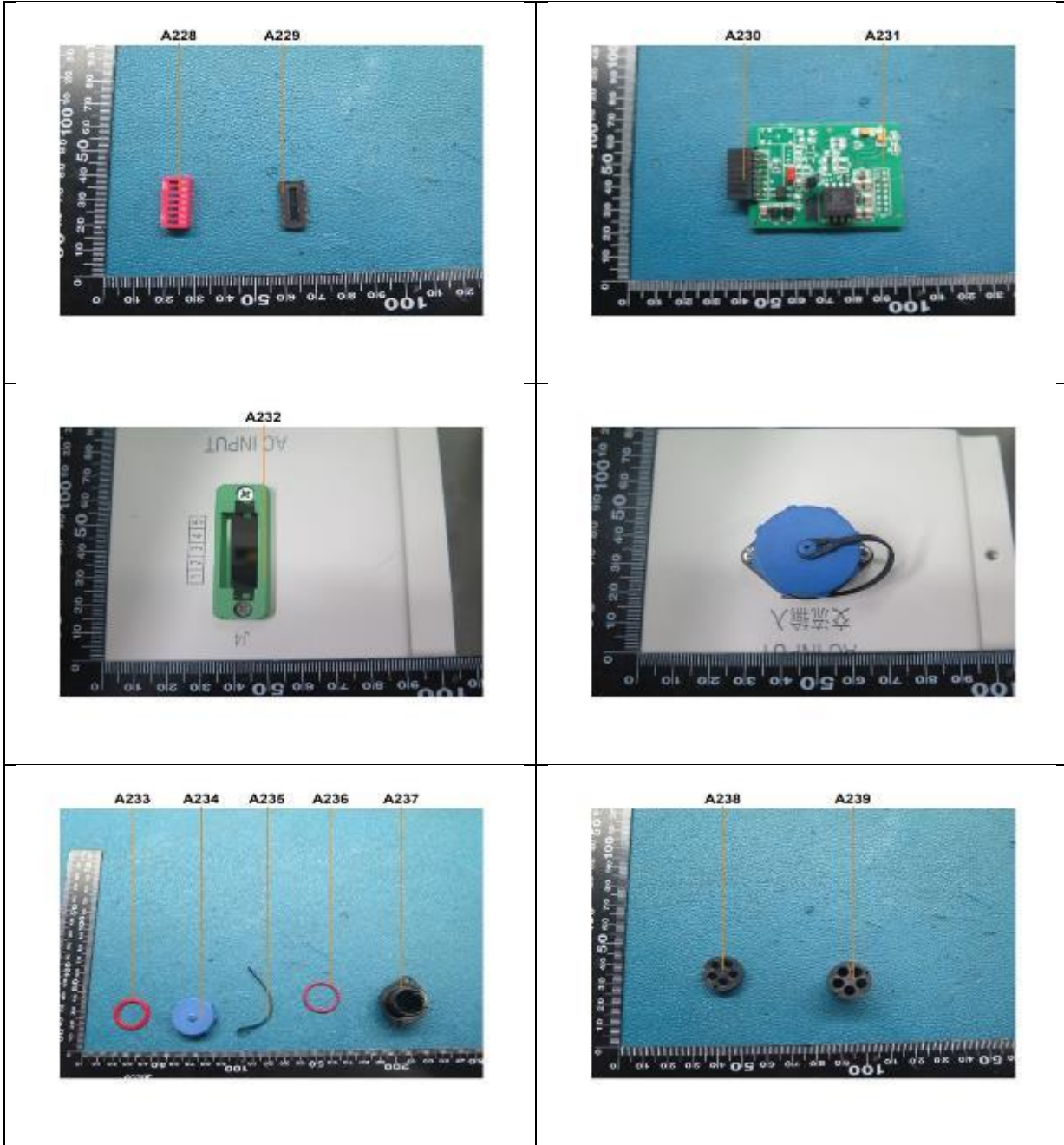
3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

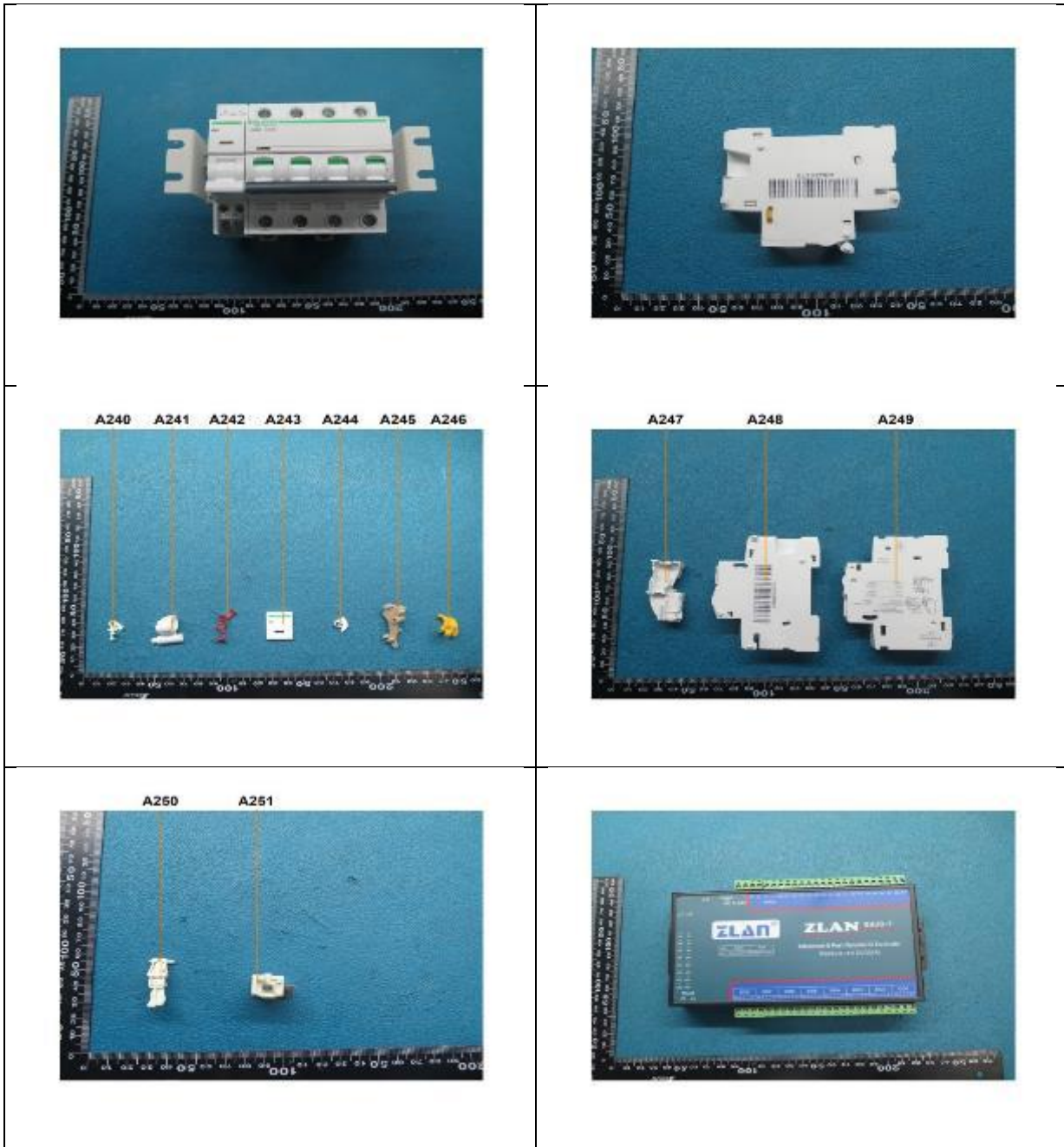
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

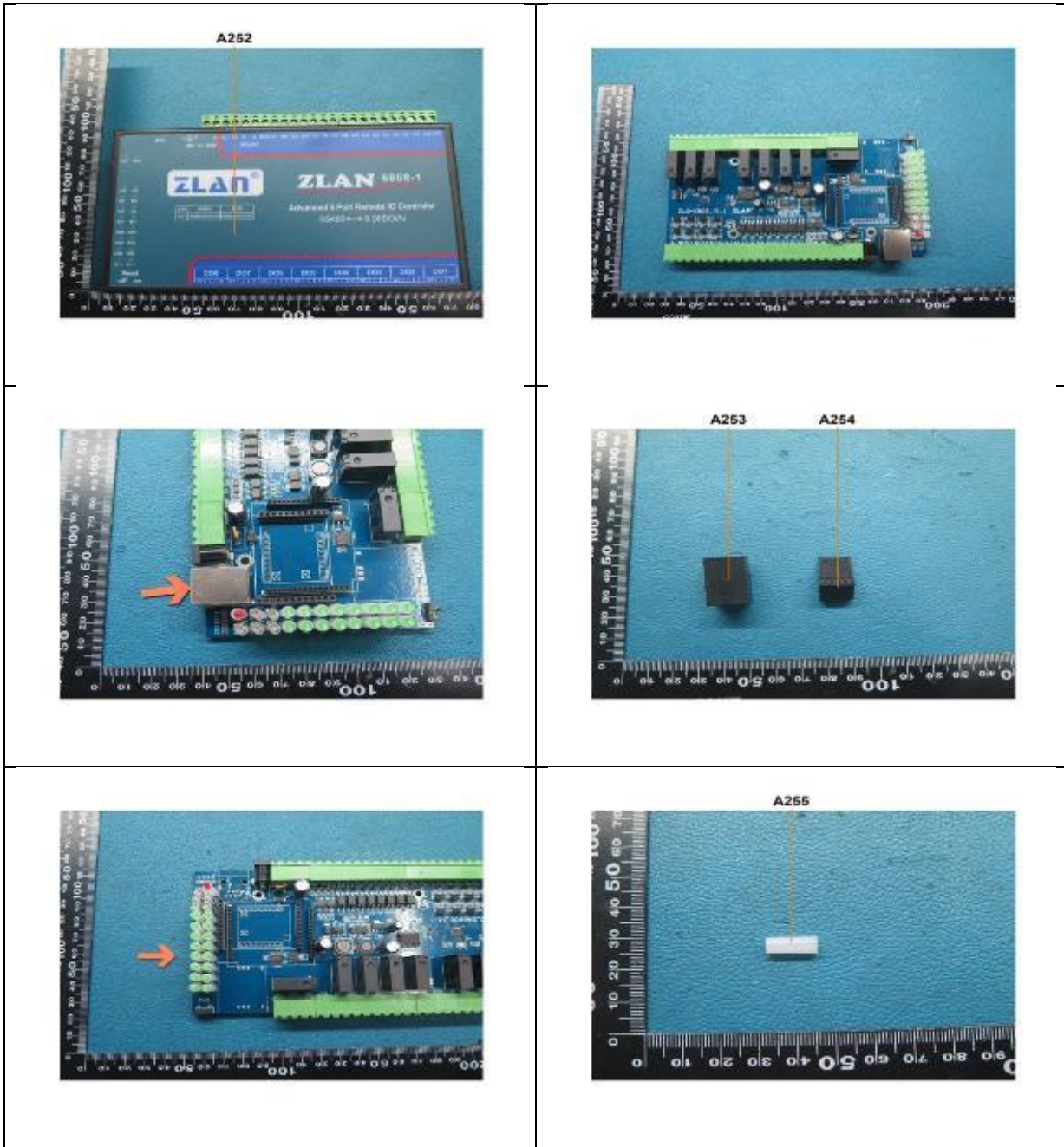
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

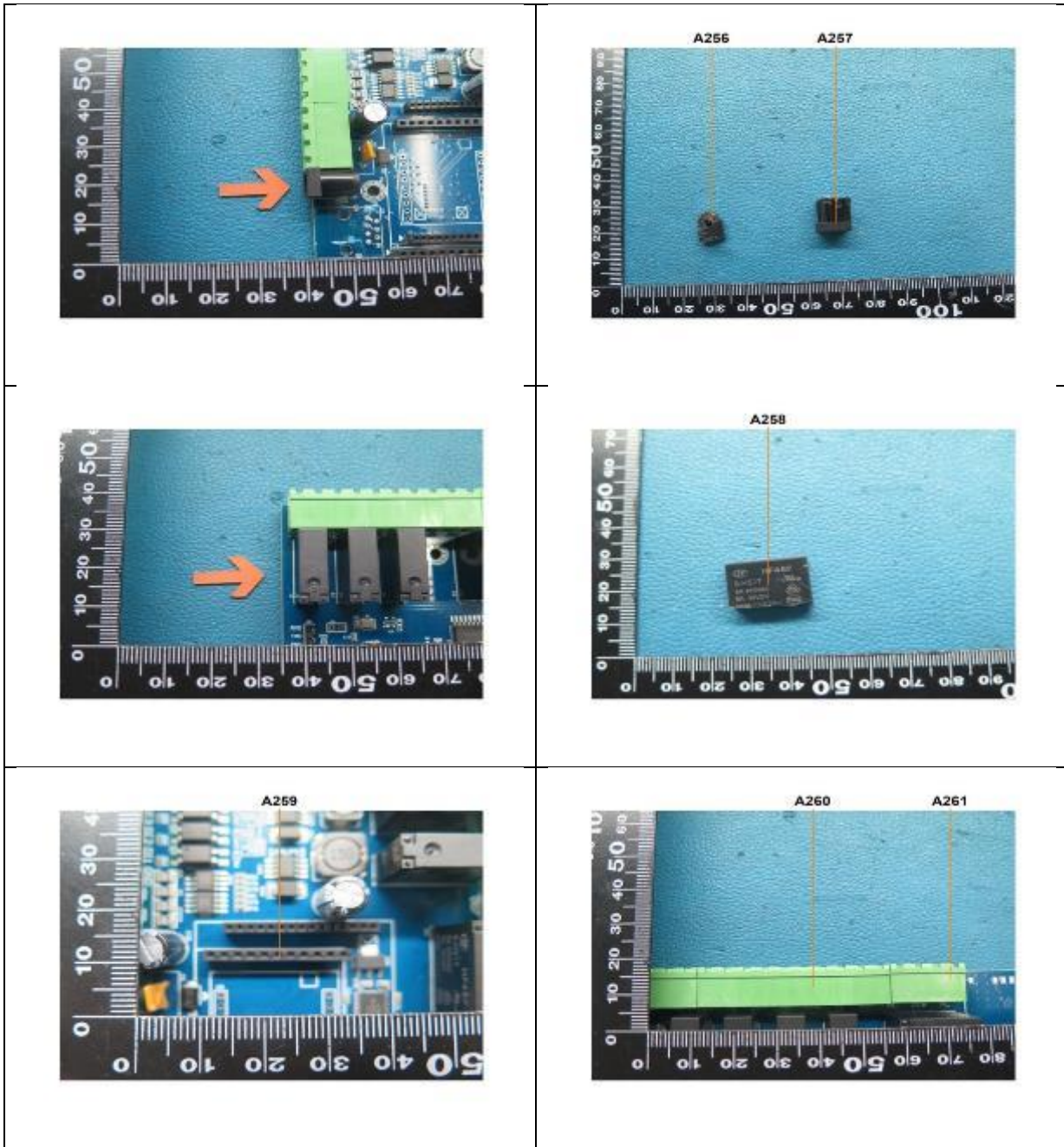
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

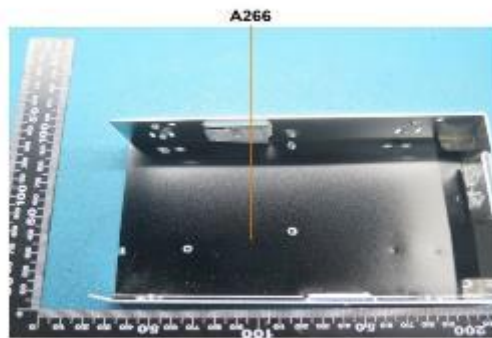
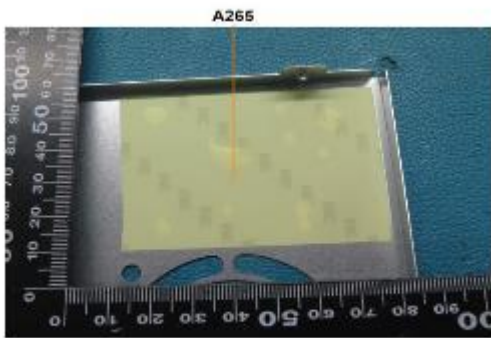
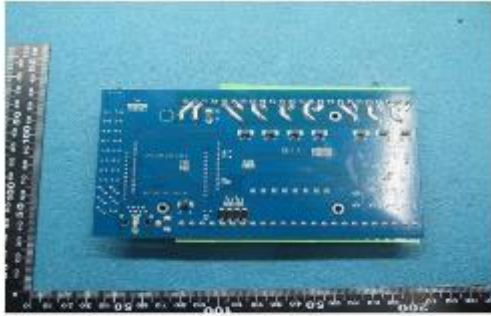
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



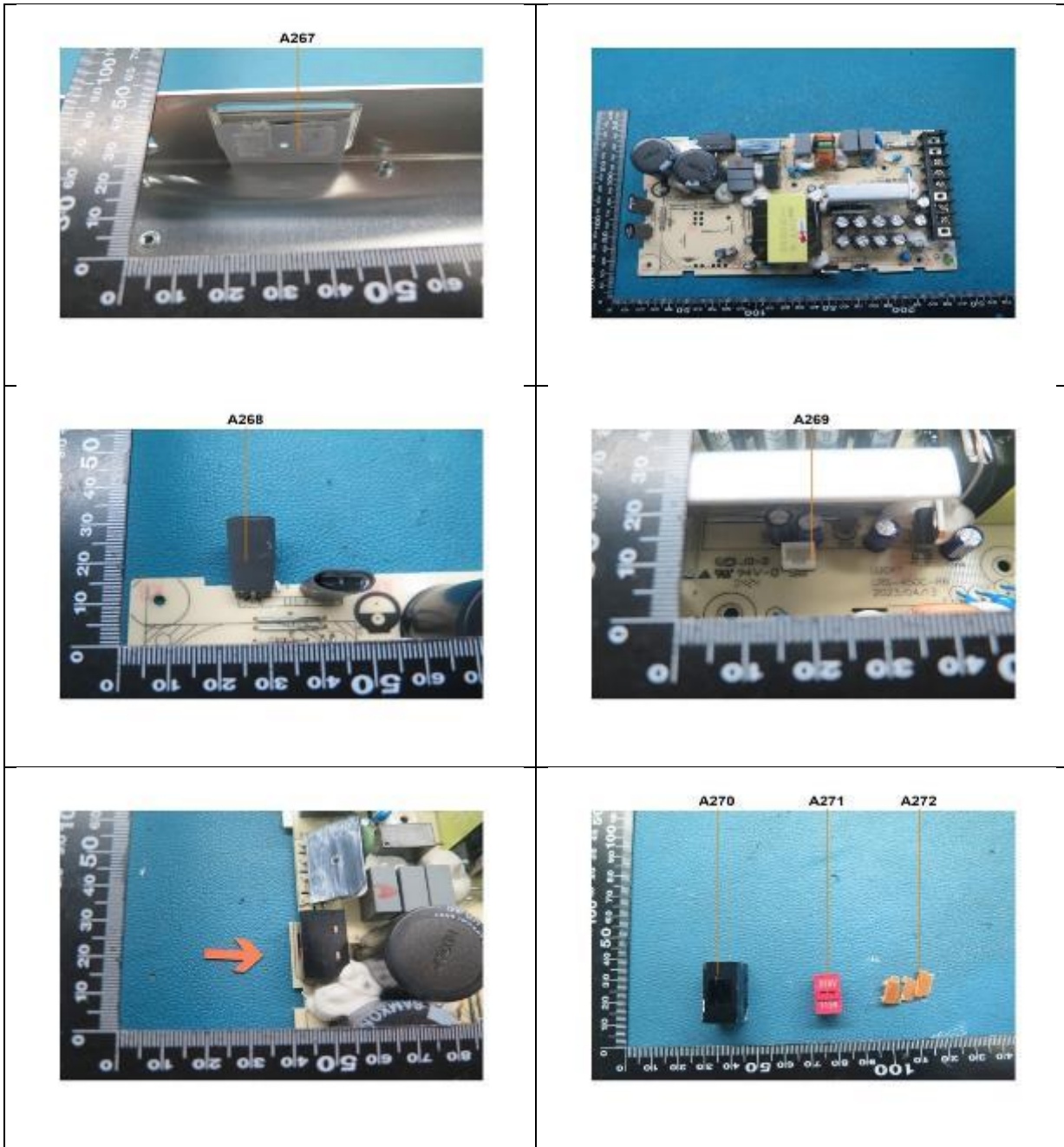
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

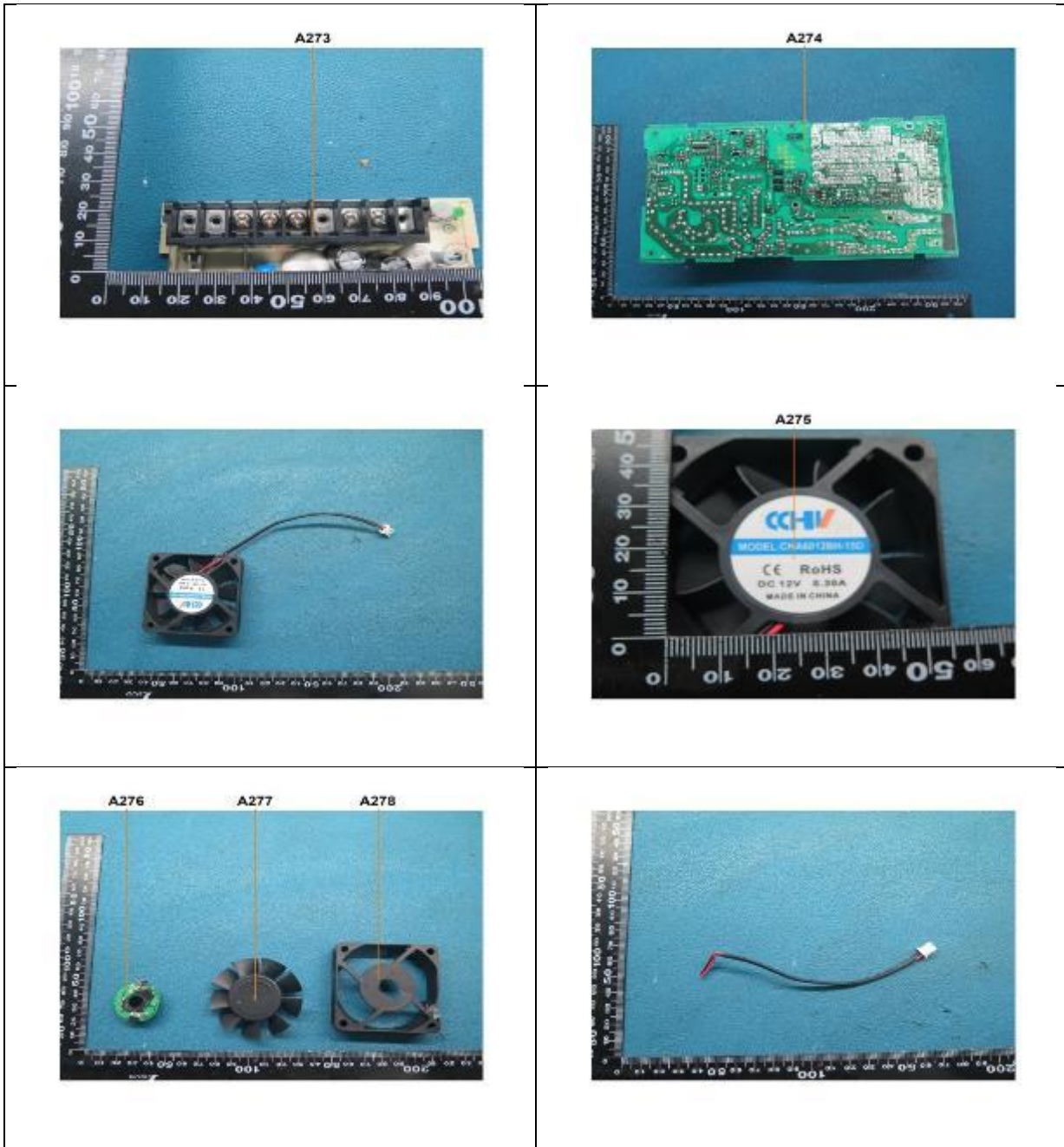


SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Co., Ltd.
Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

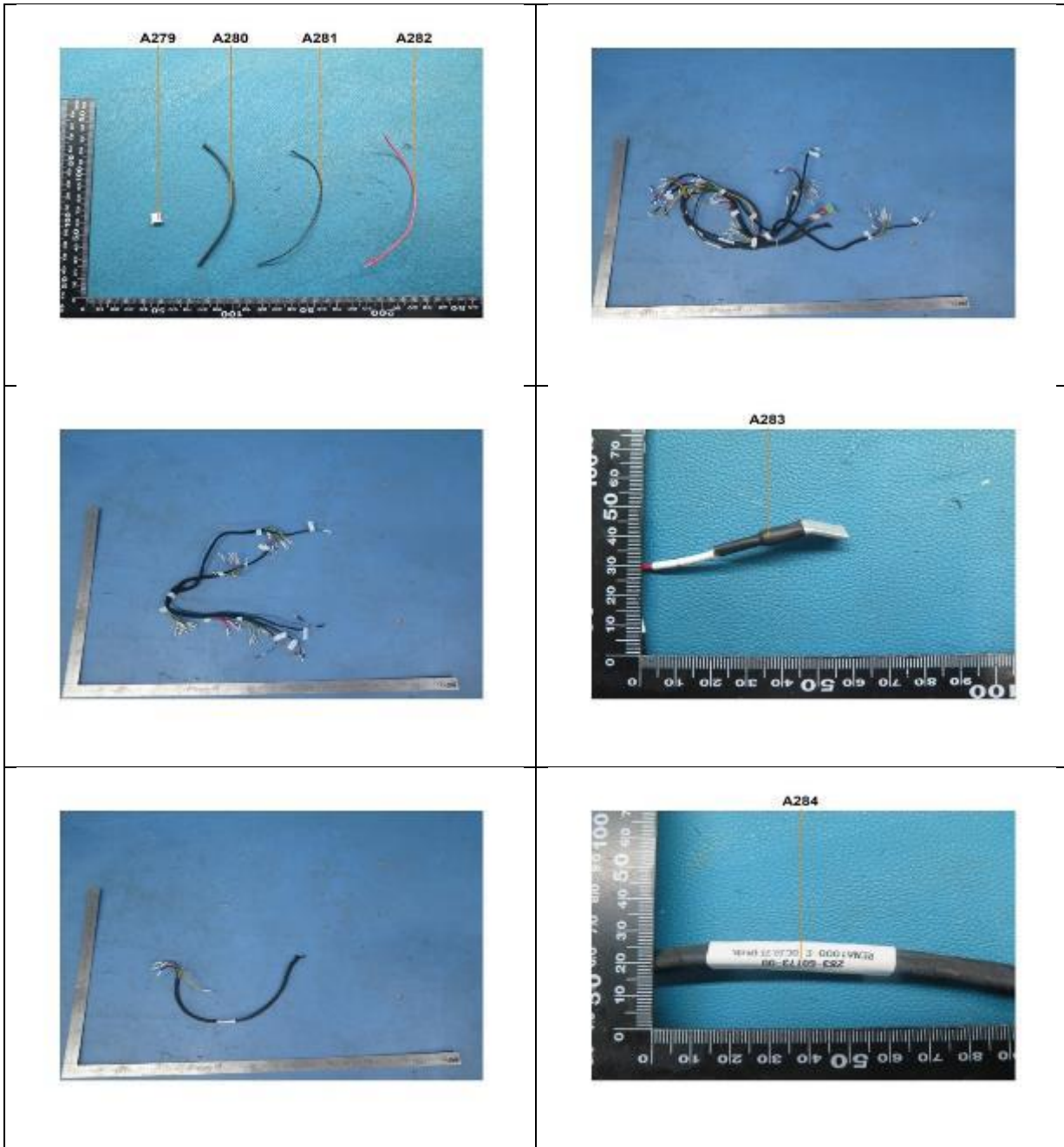
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

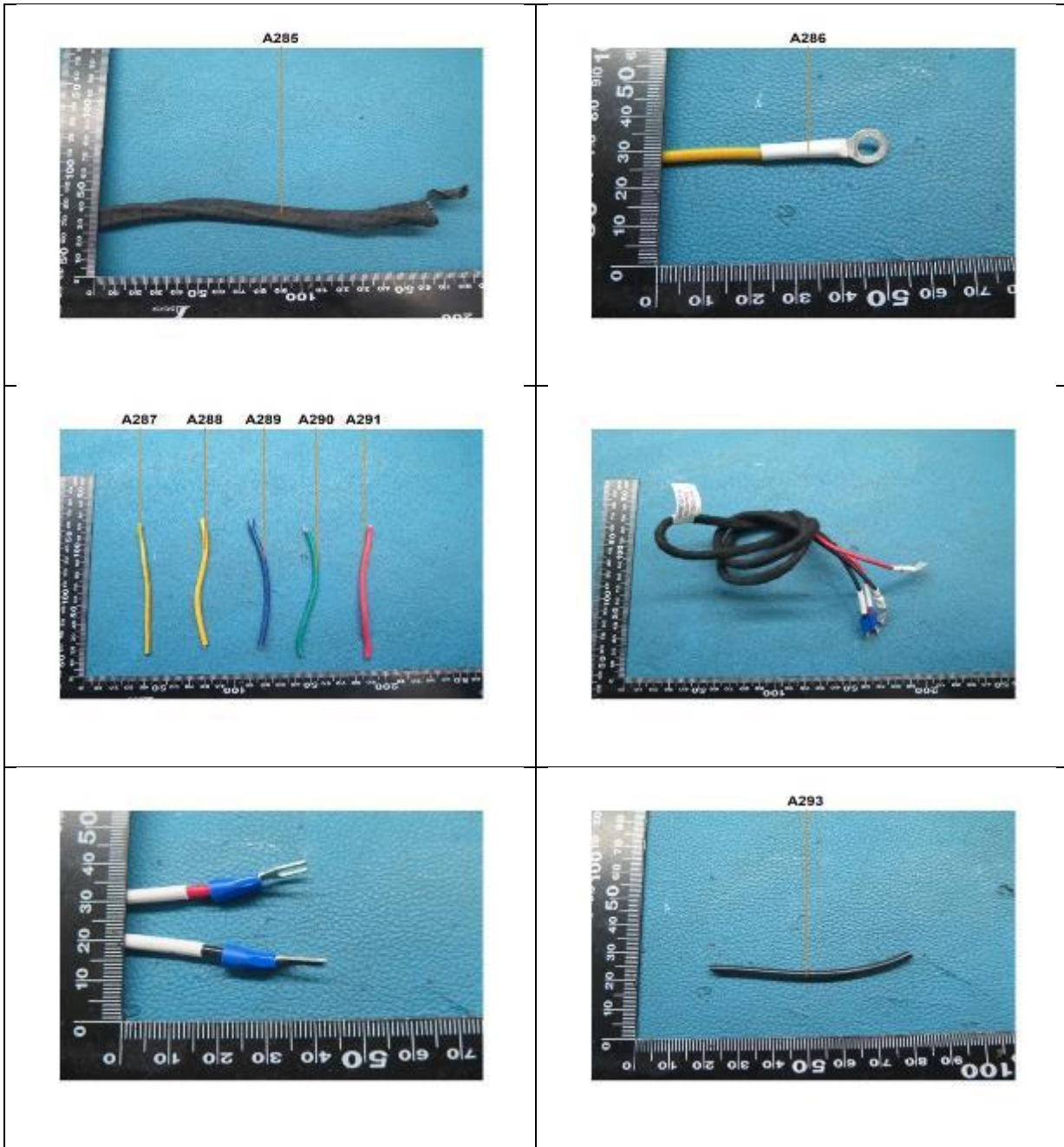
3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

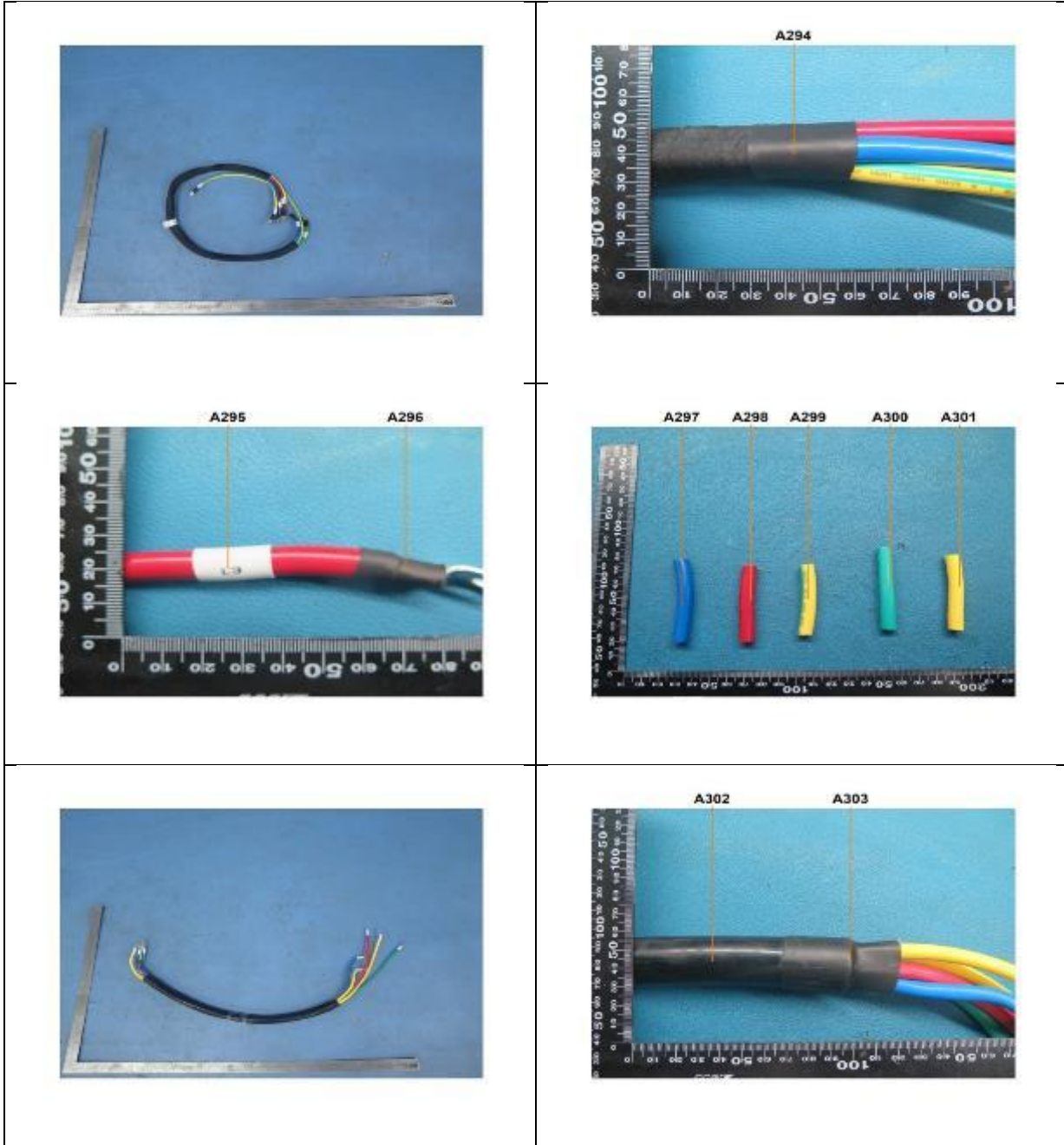
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

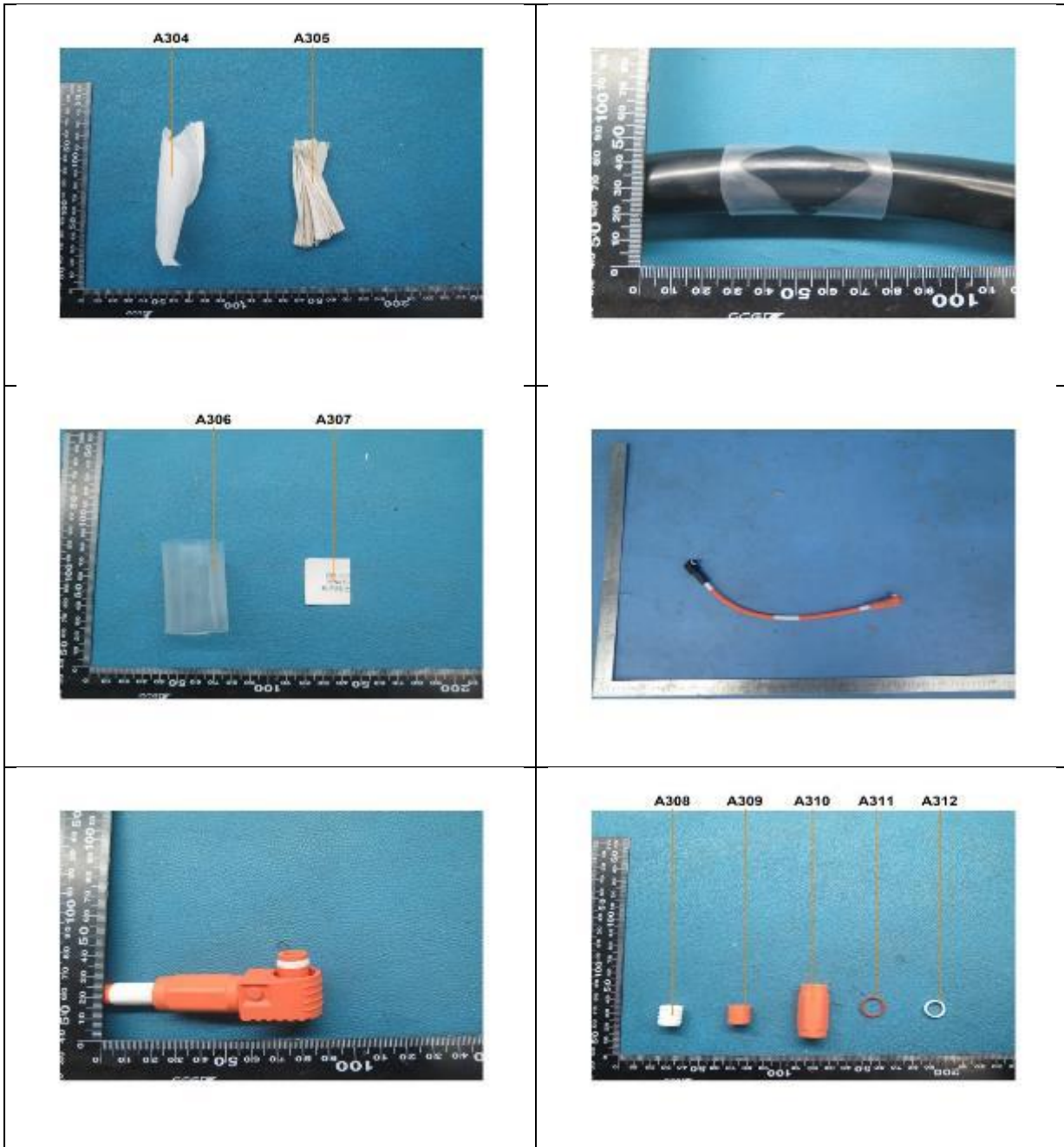
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



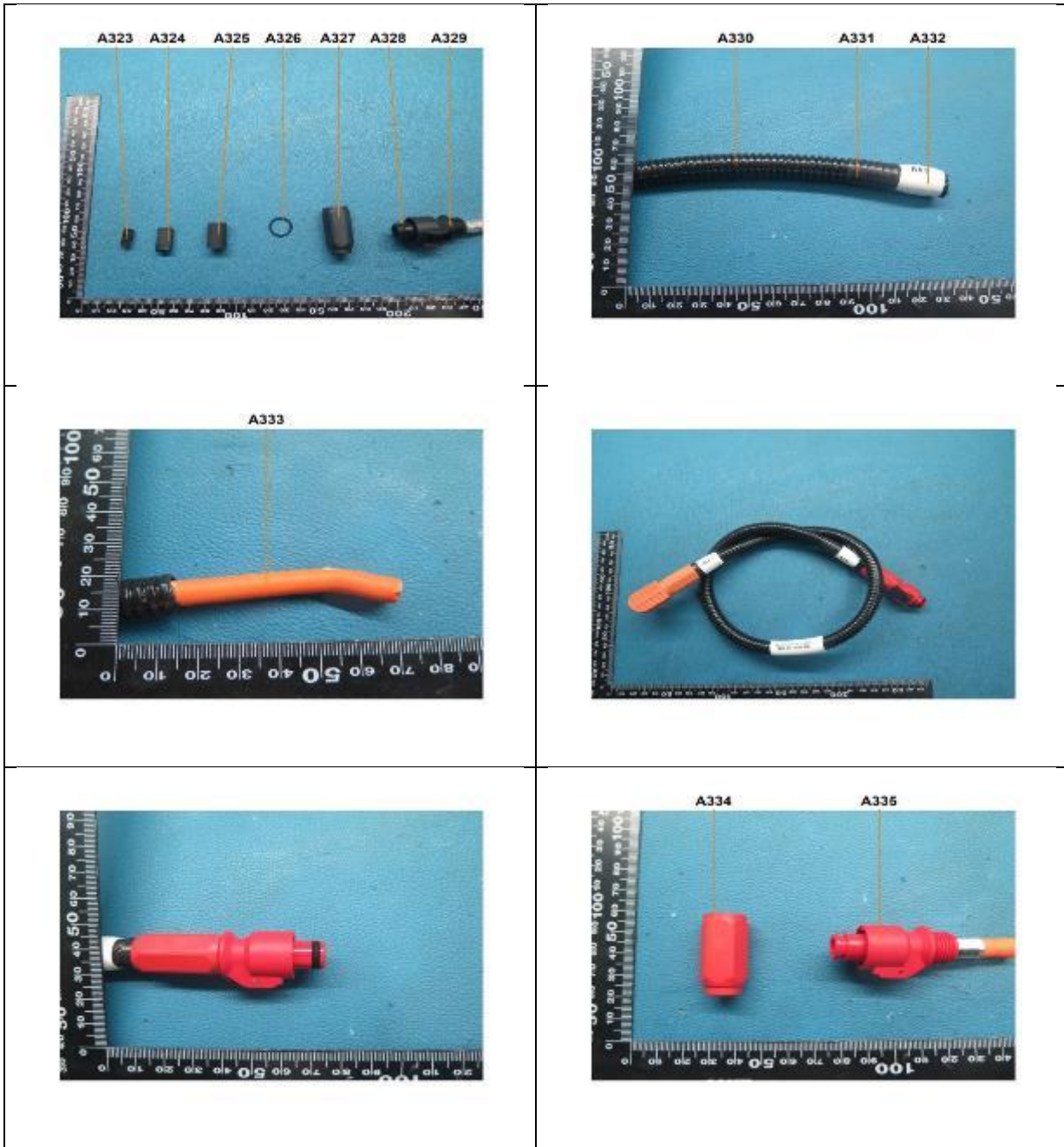
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



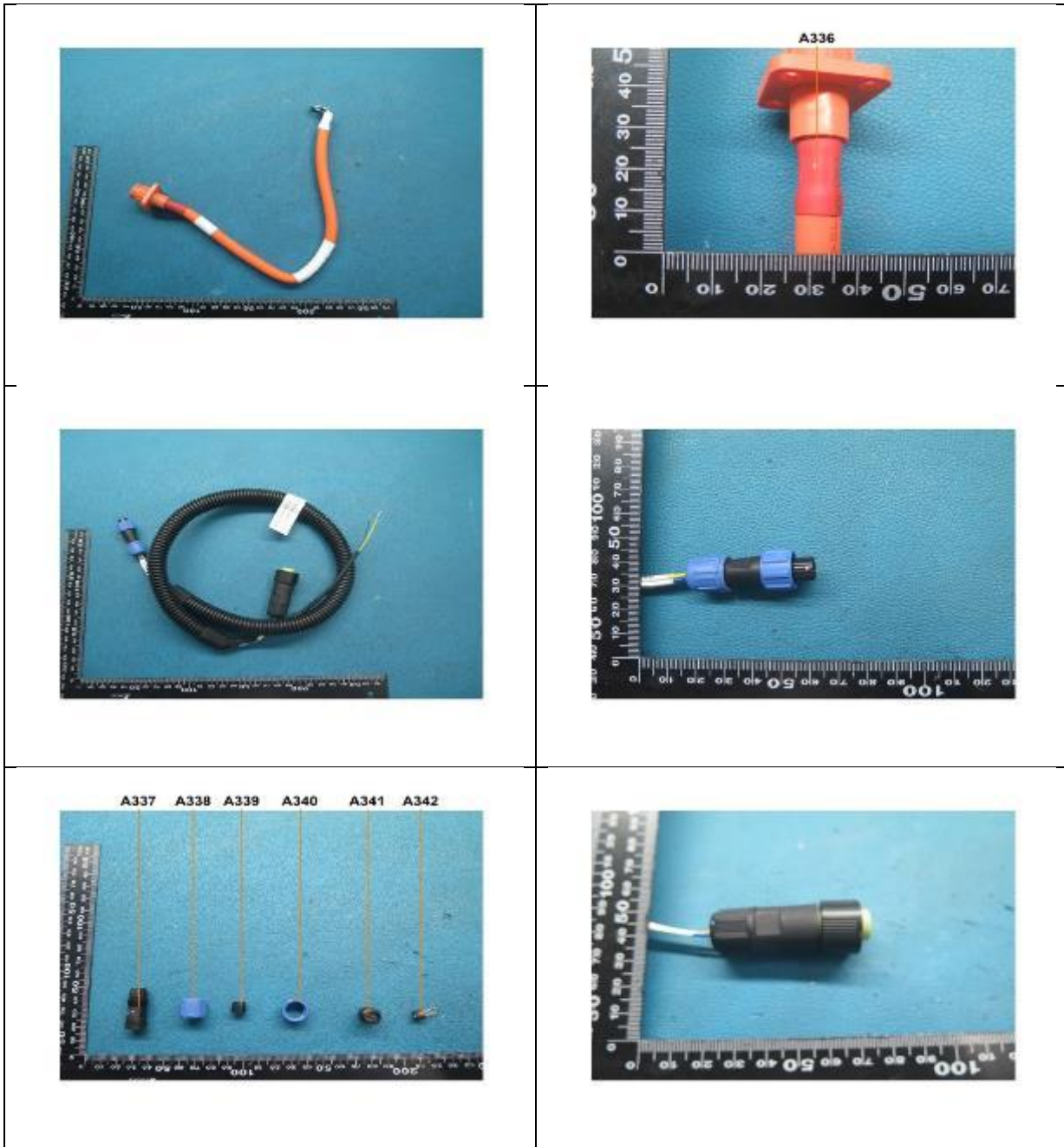


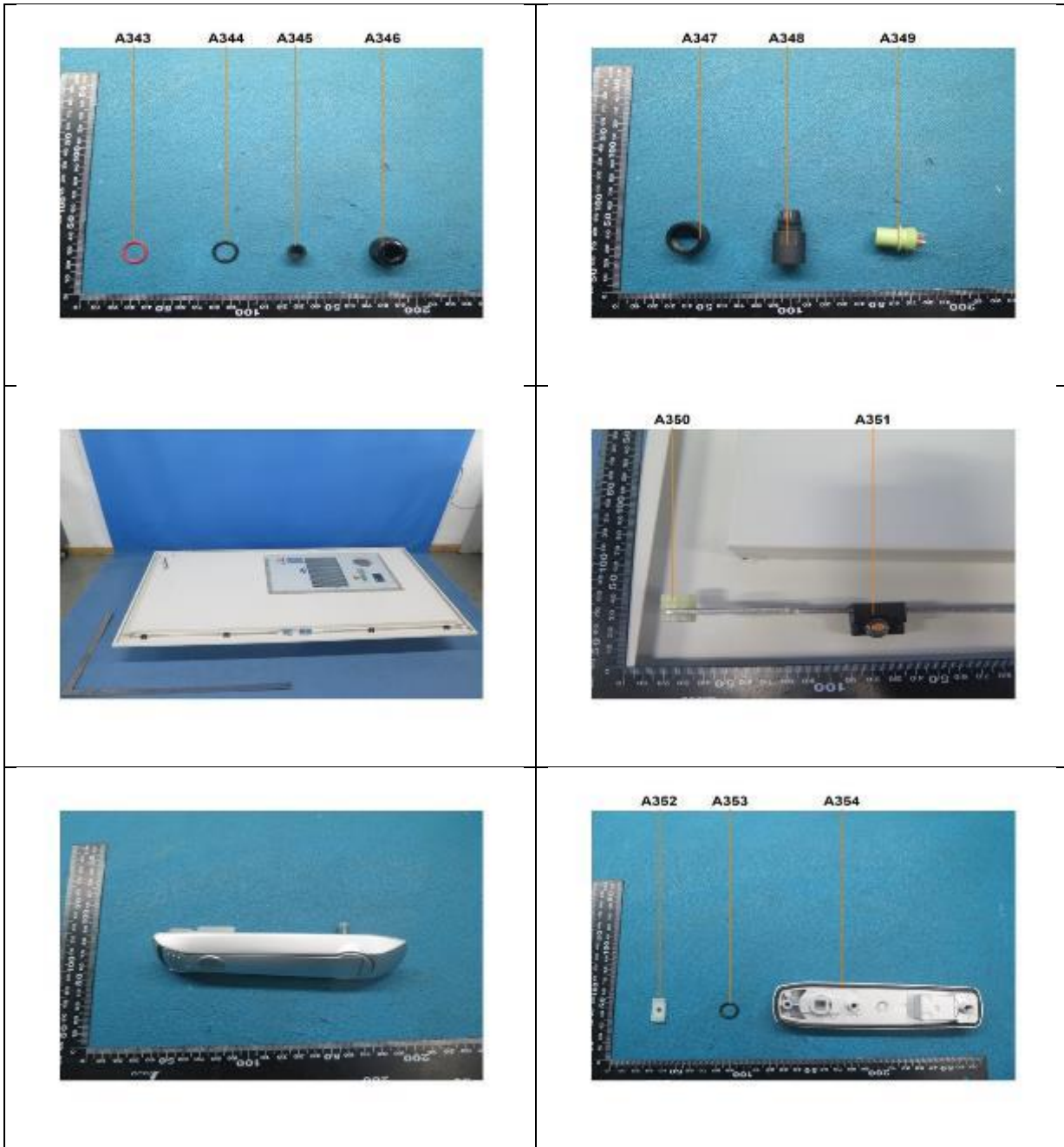
SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





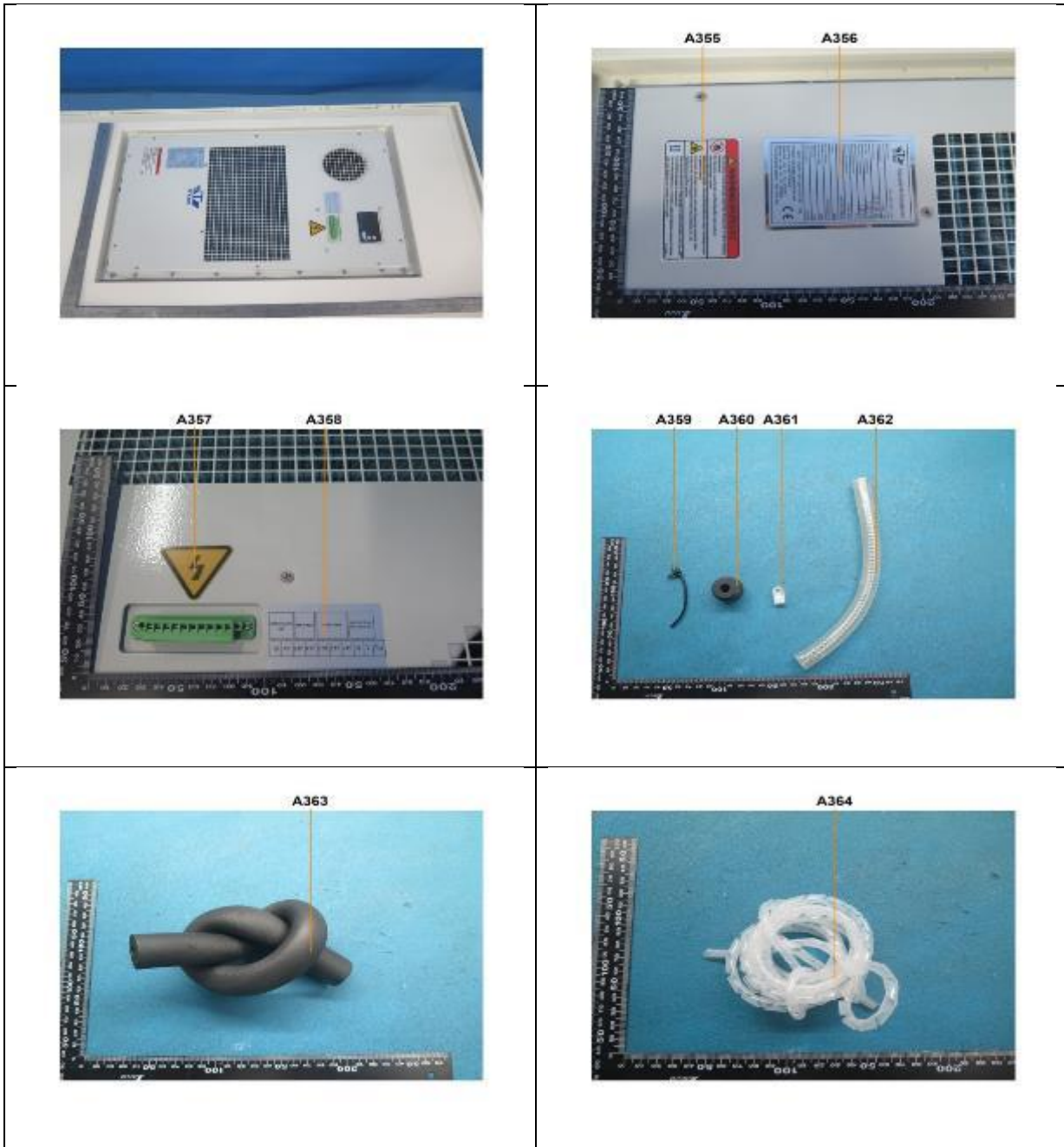
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (China) Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

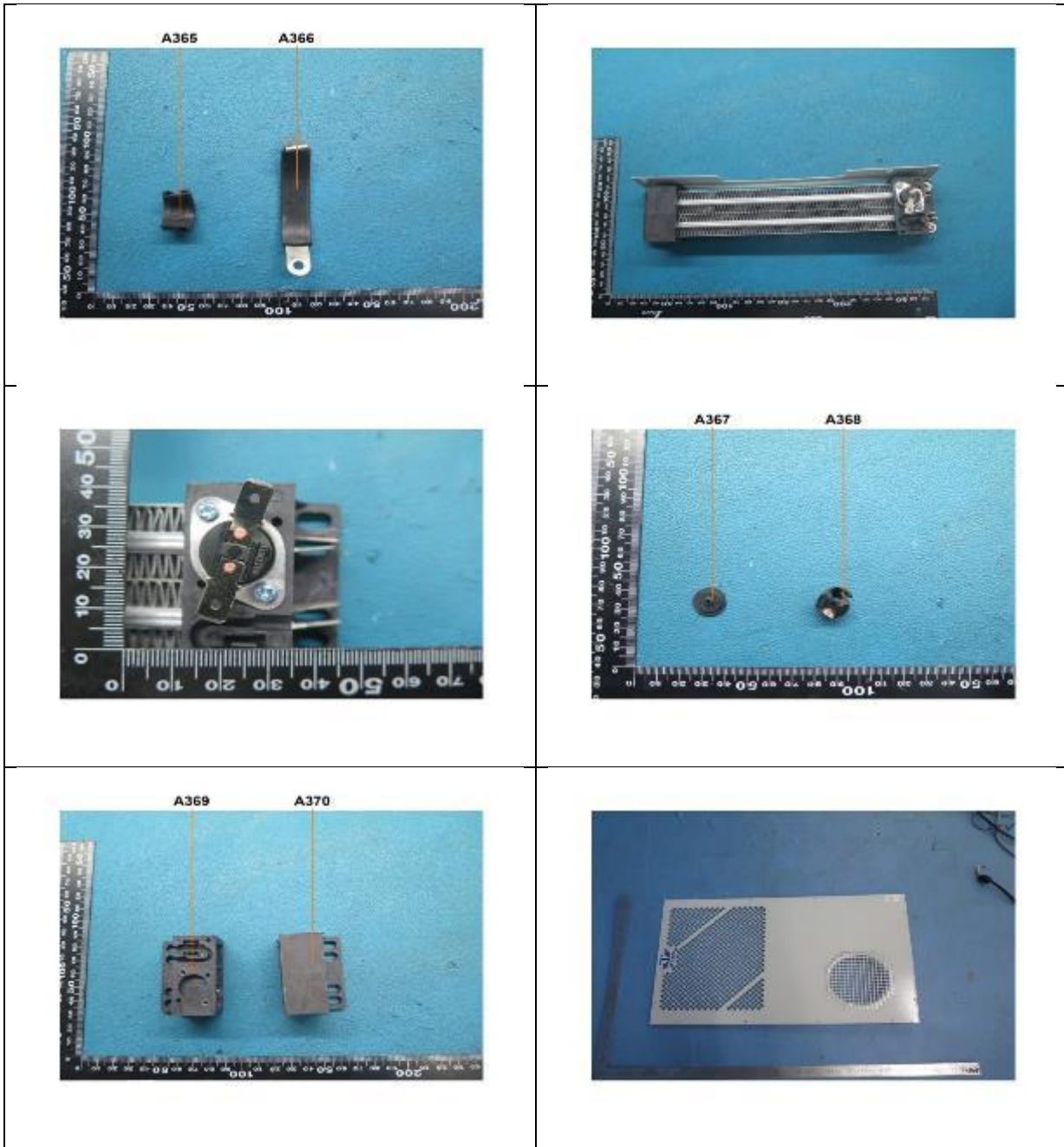
t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

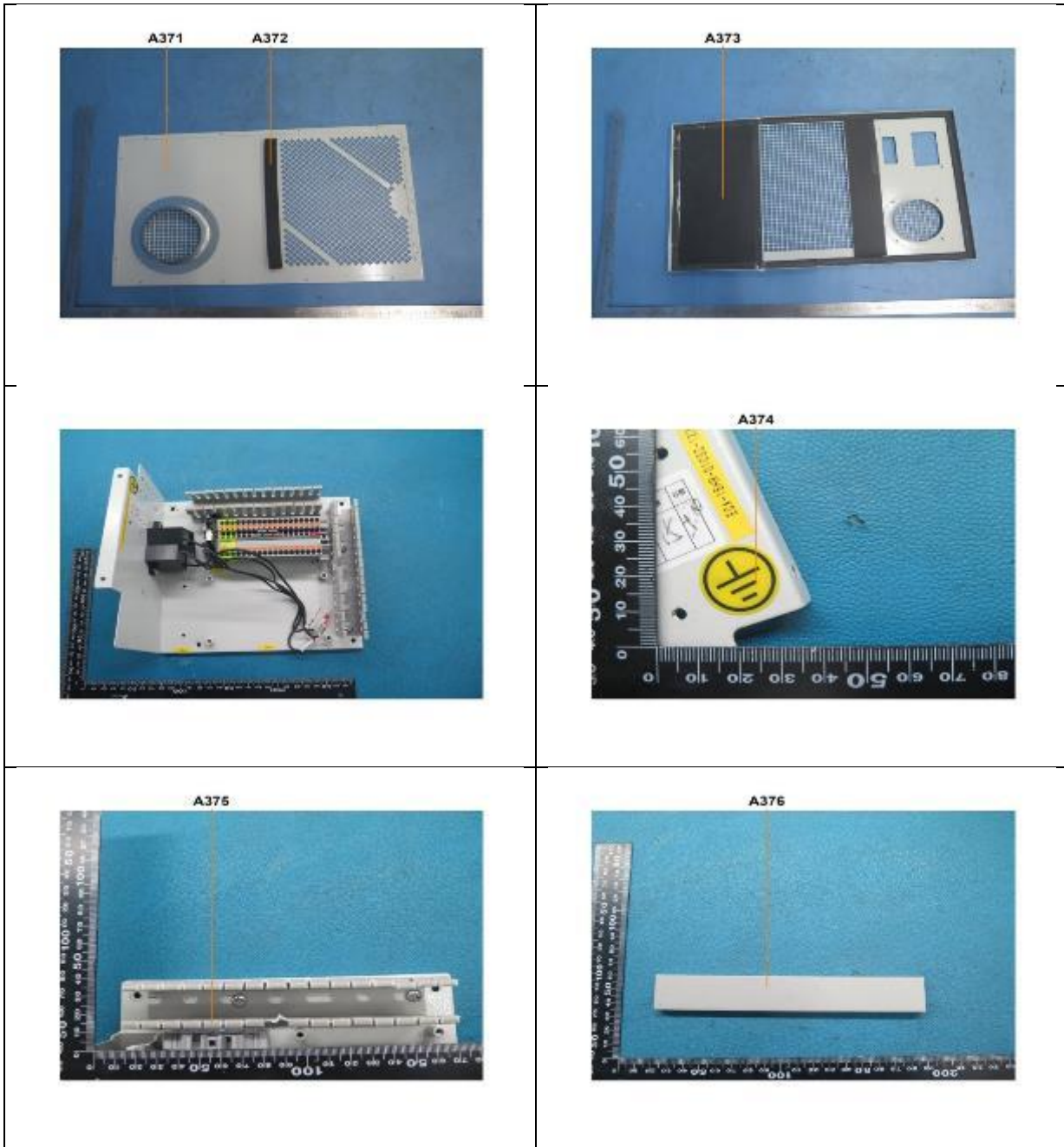
3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

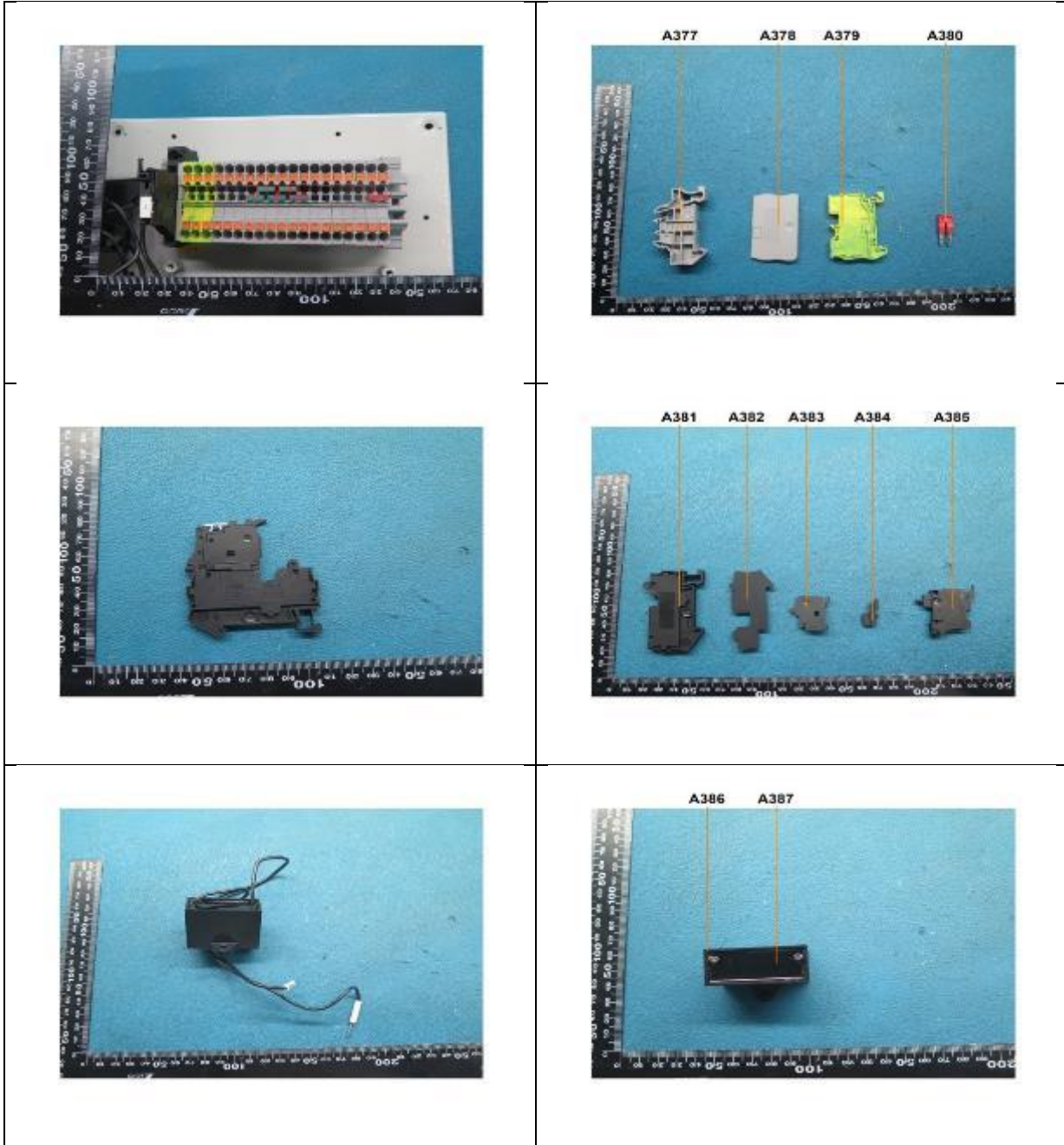


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



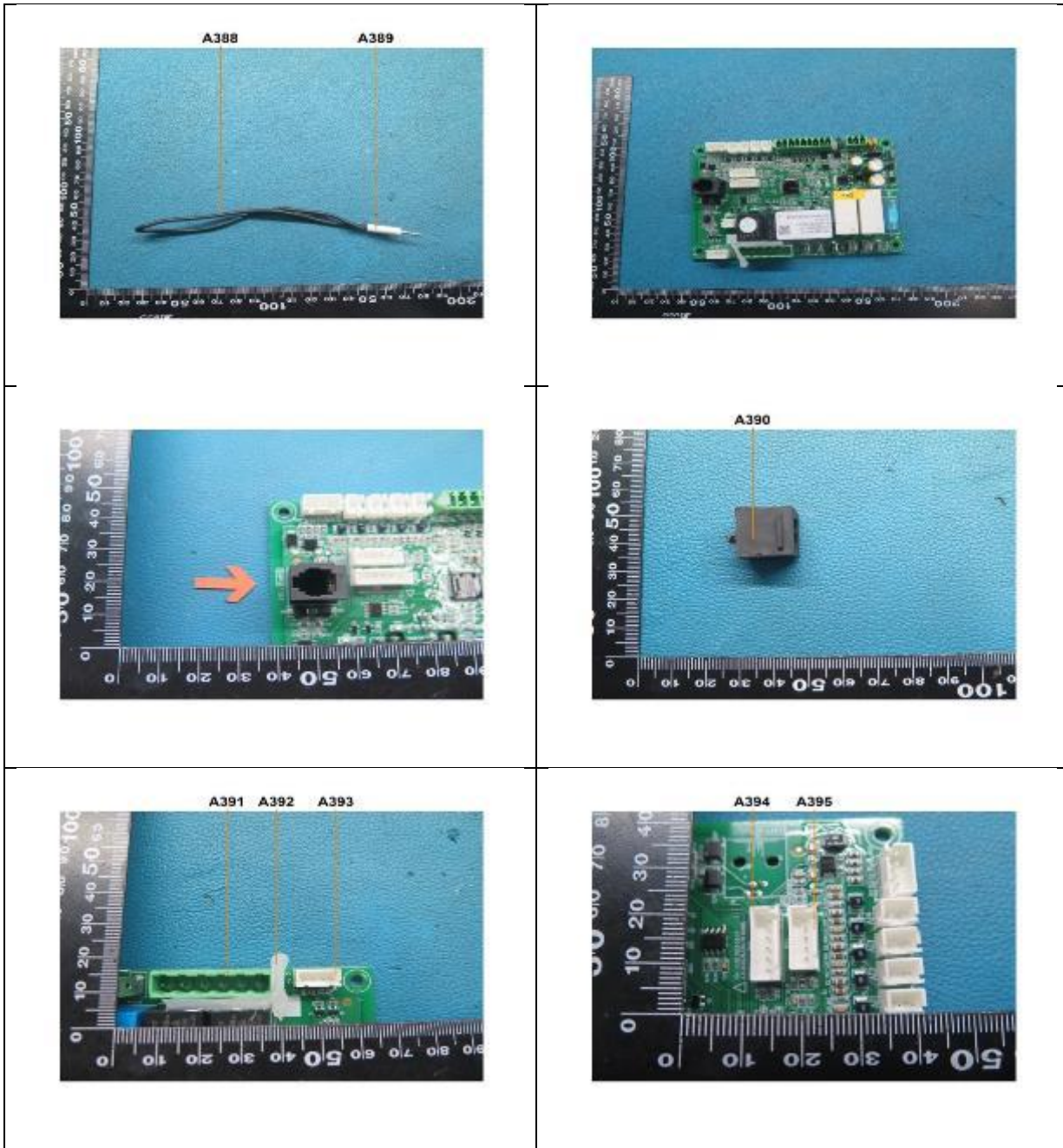


SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

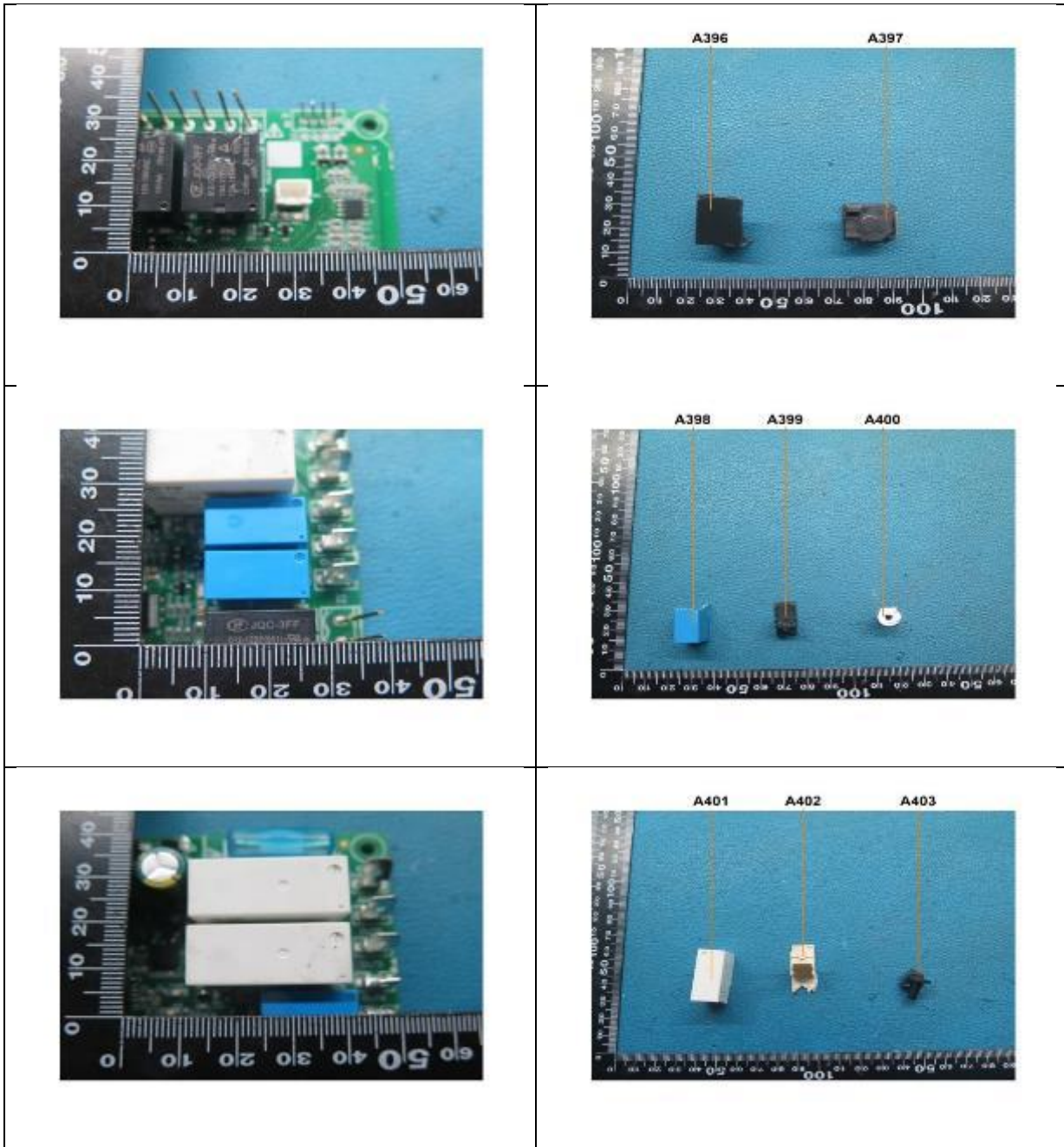
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

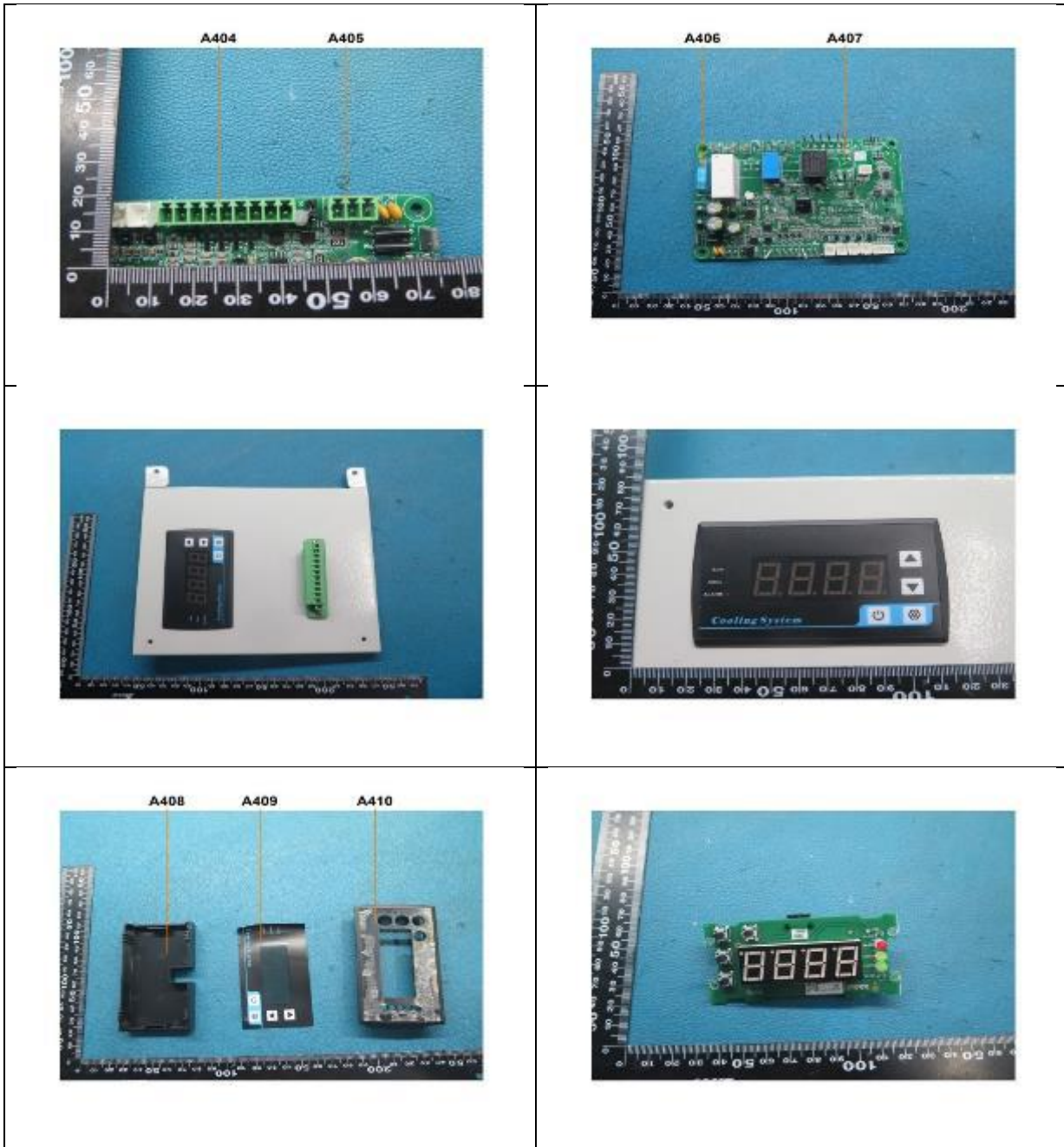
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

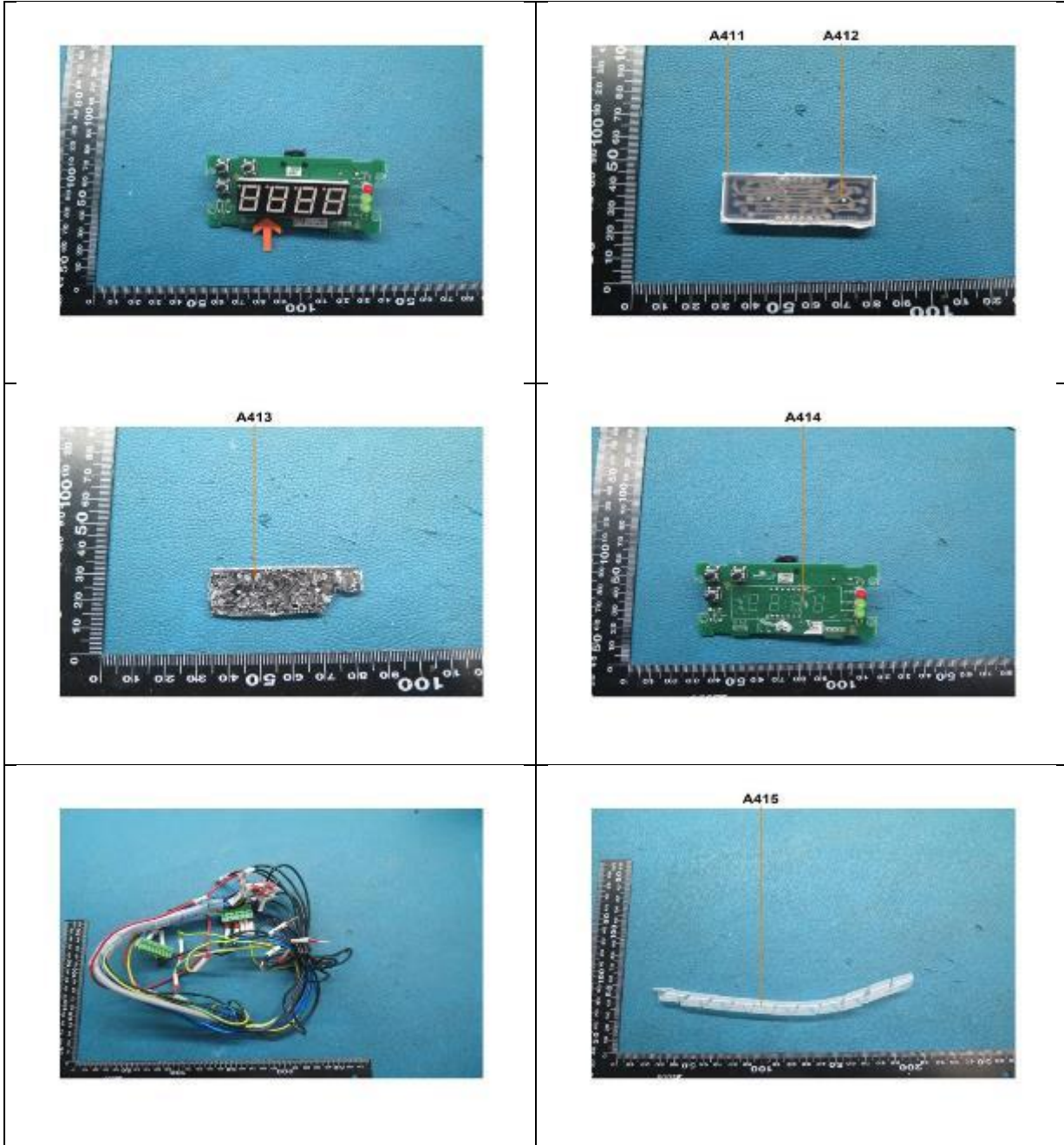


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

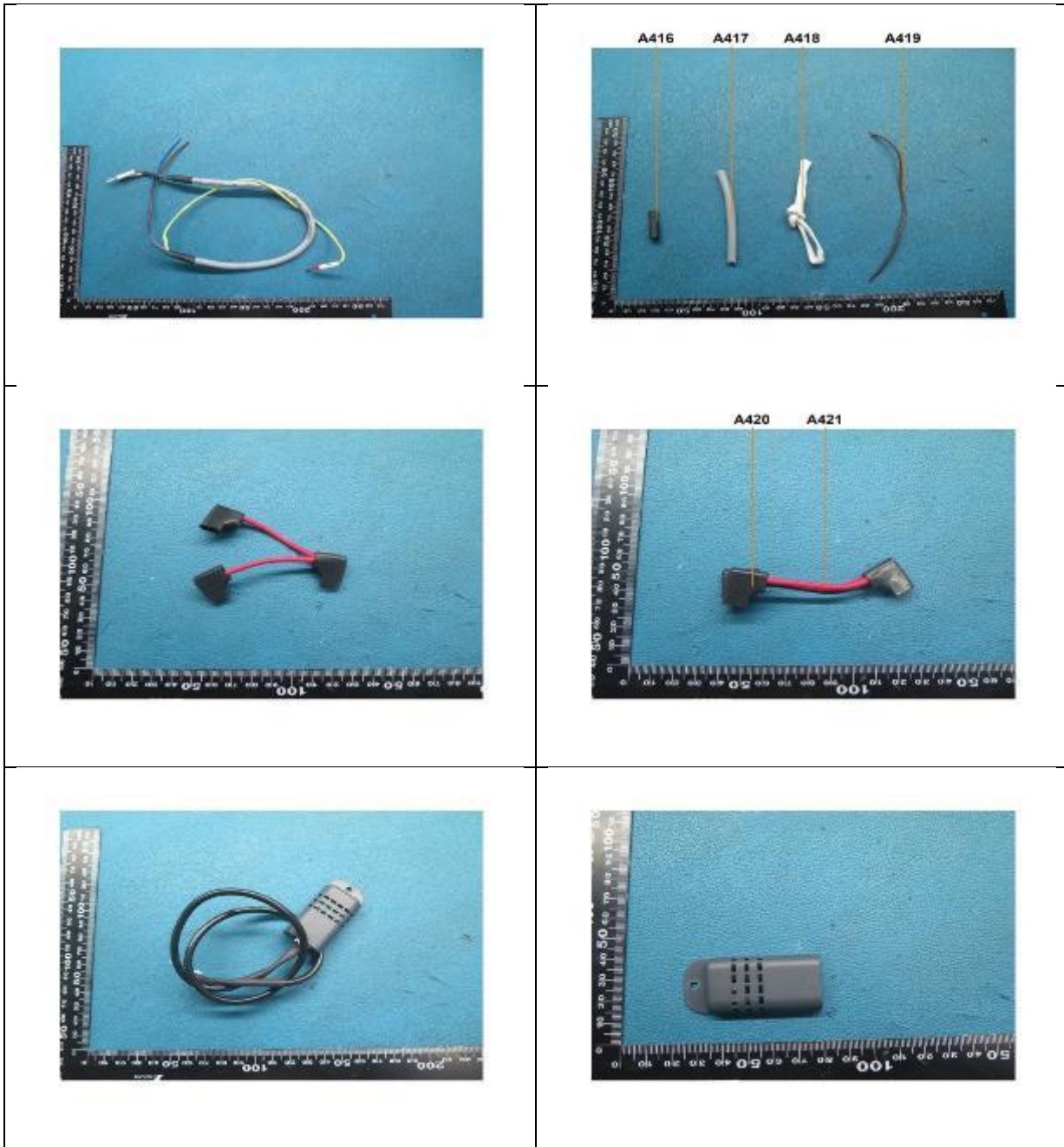
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

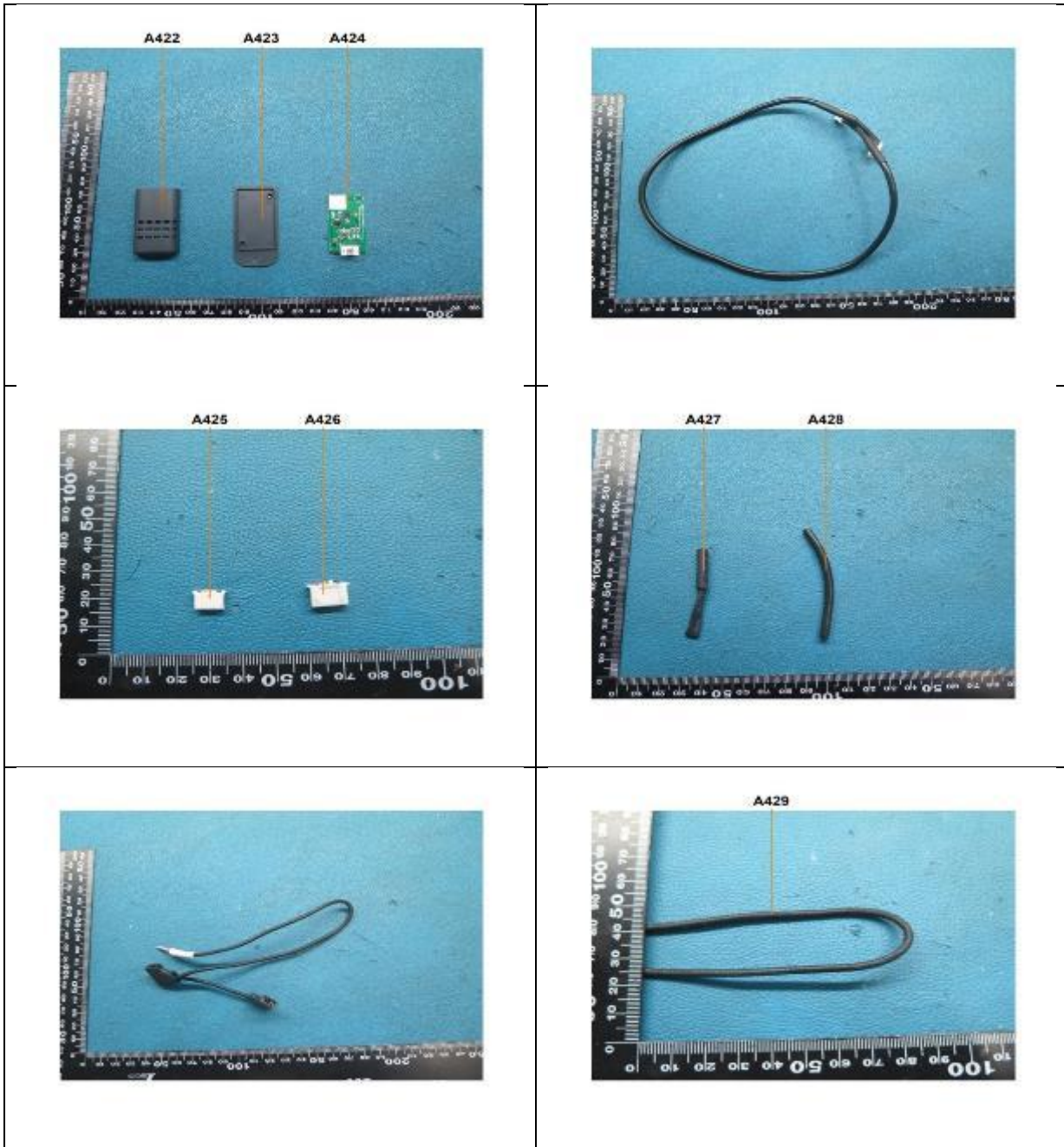


SGS-CSTC (Shanghai) Inspection & Testing Services
 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

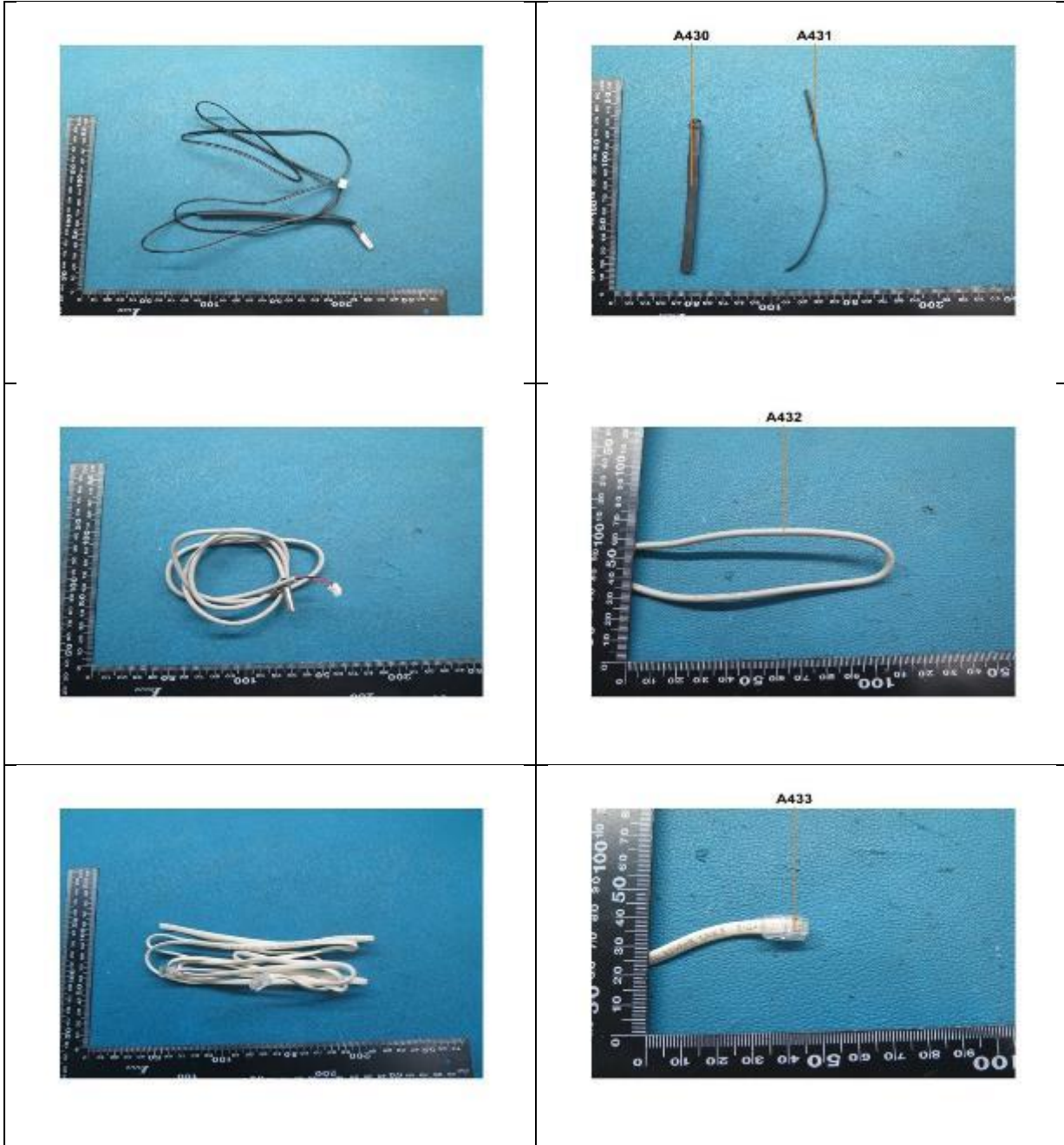


SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

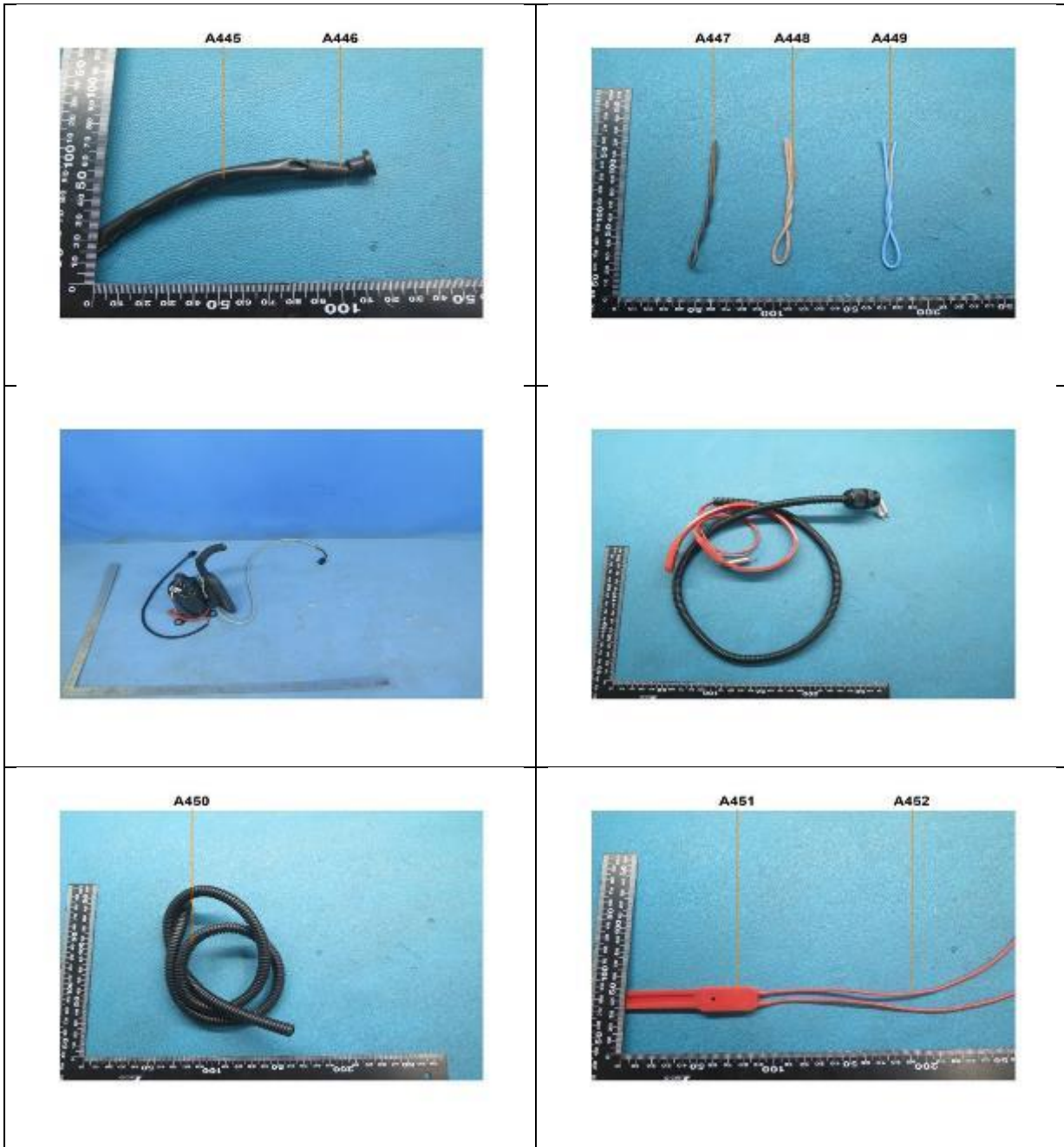
3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Client's Property

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

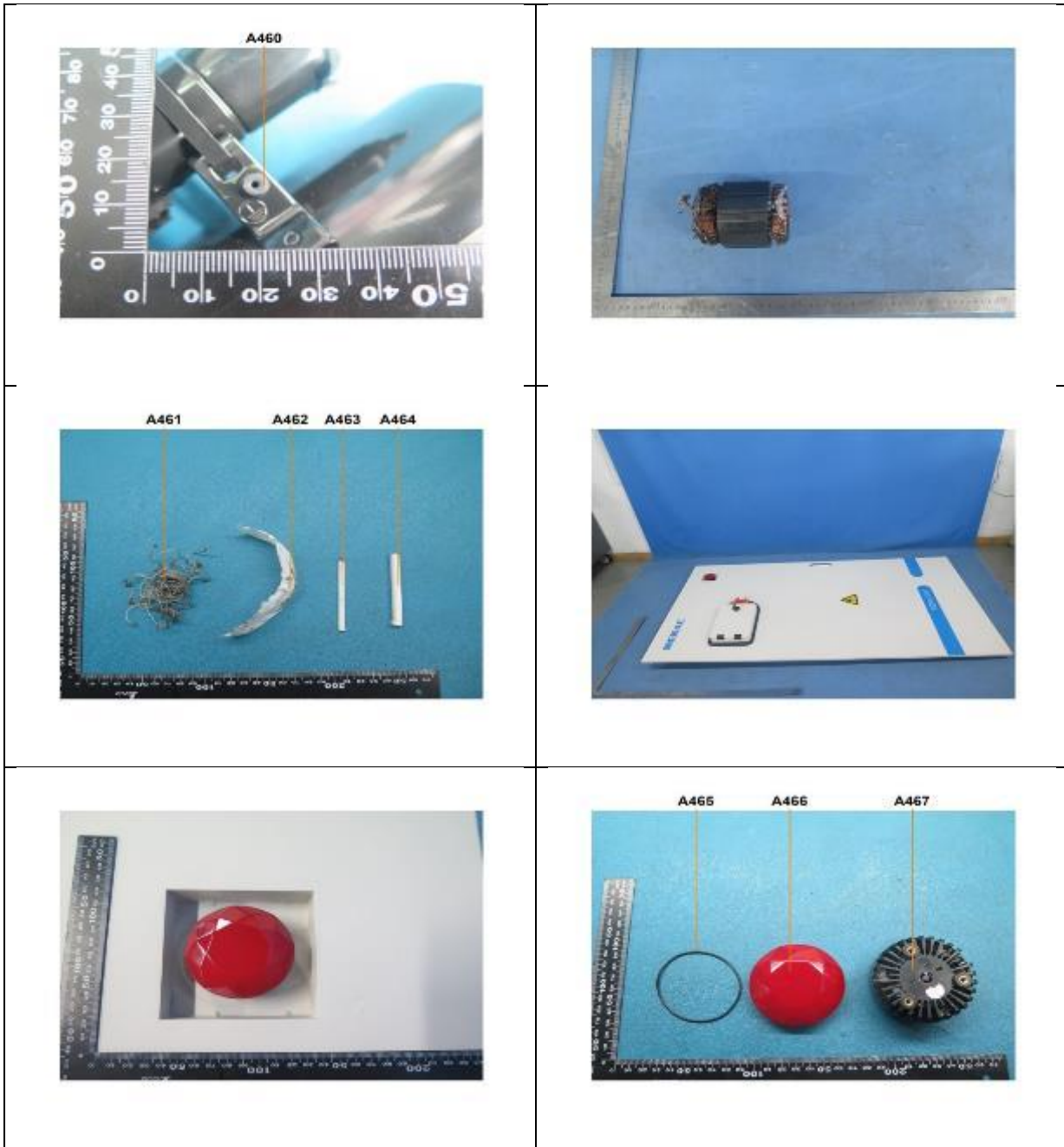
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

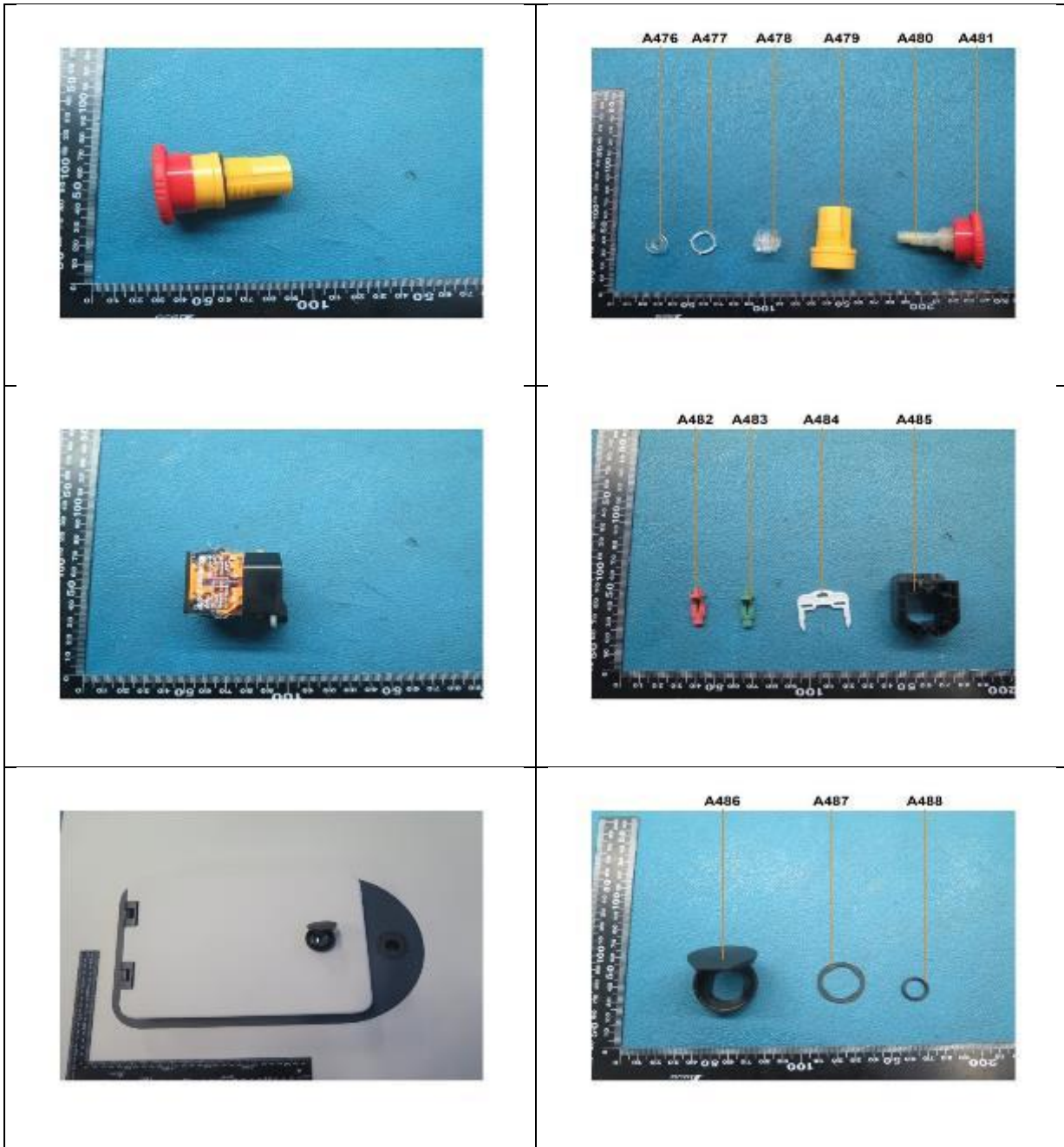
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

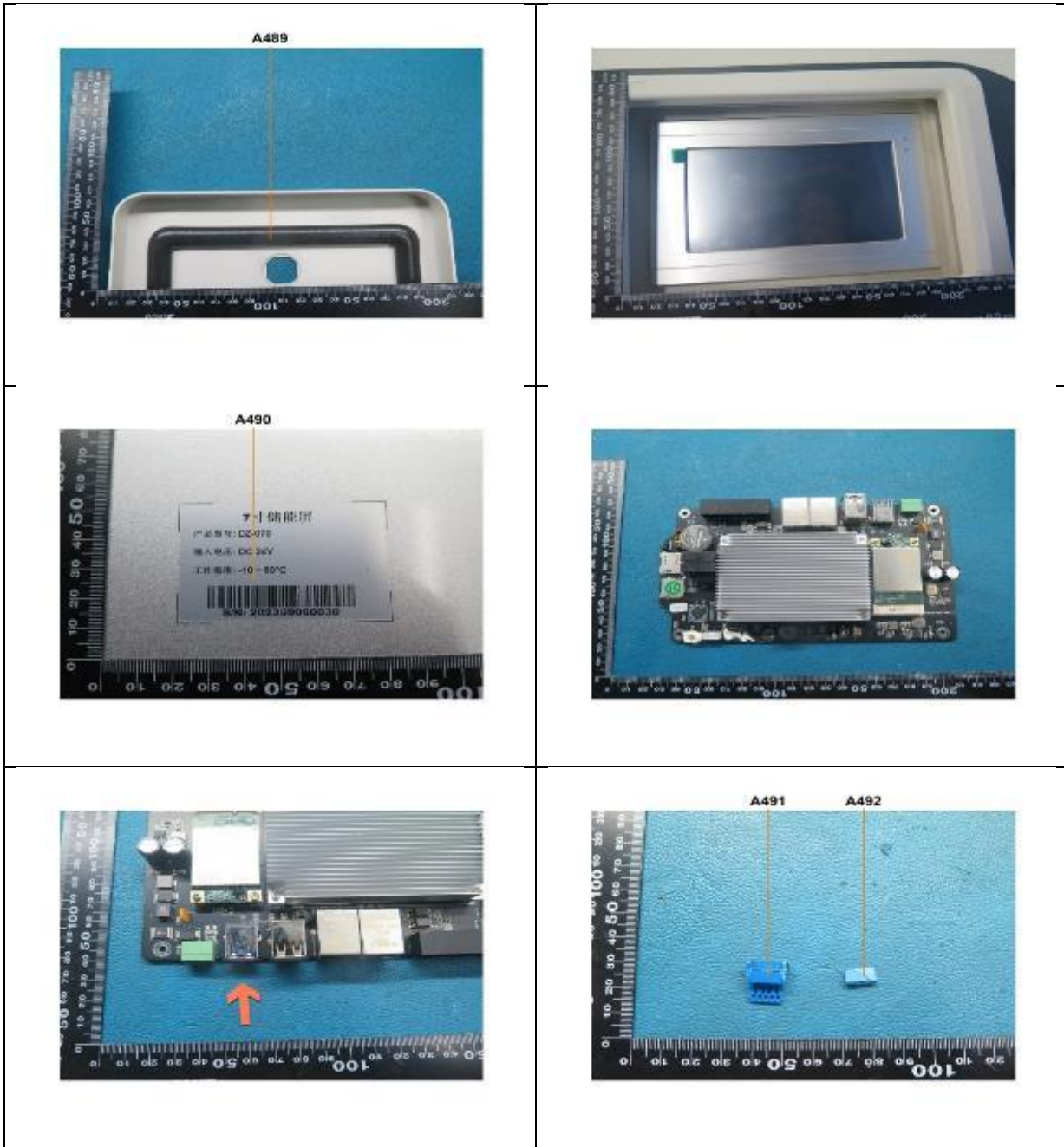


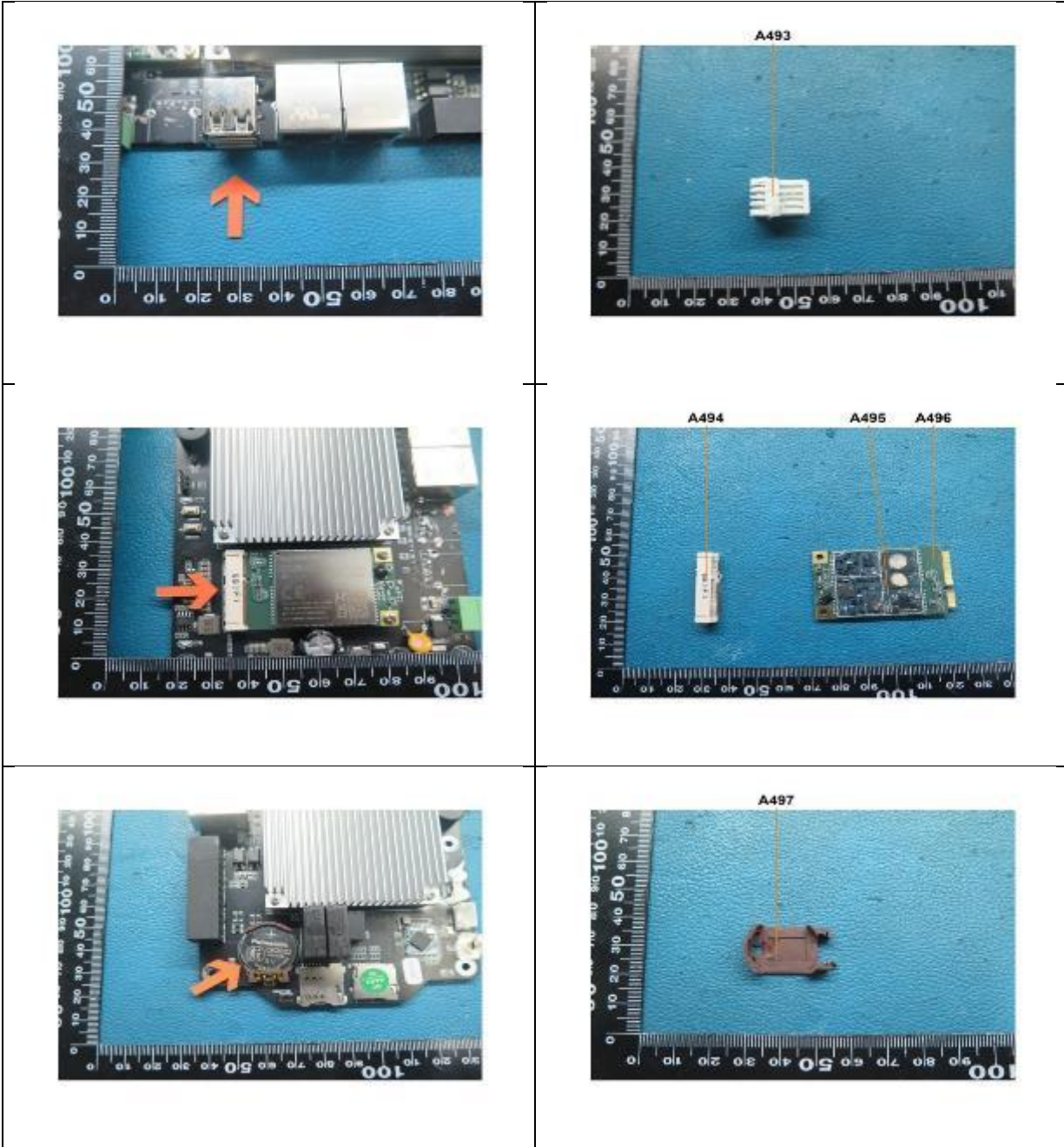
SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



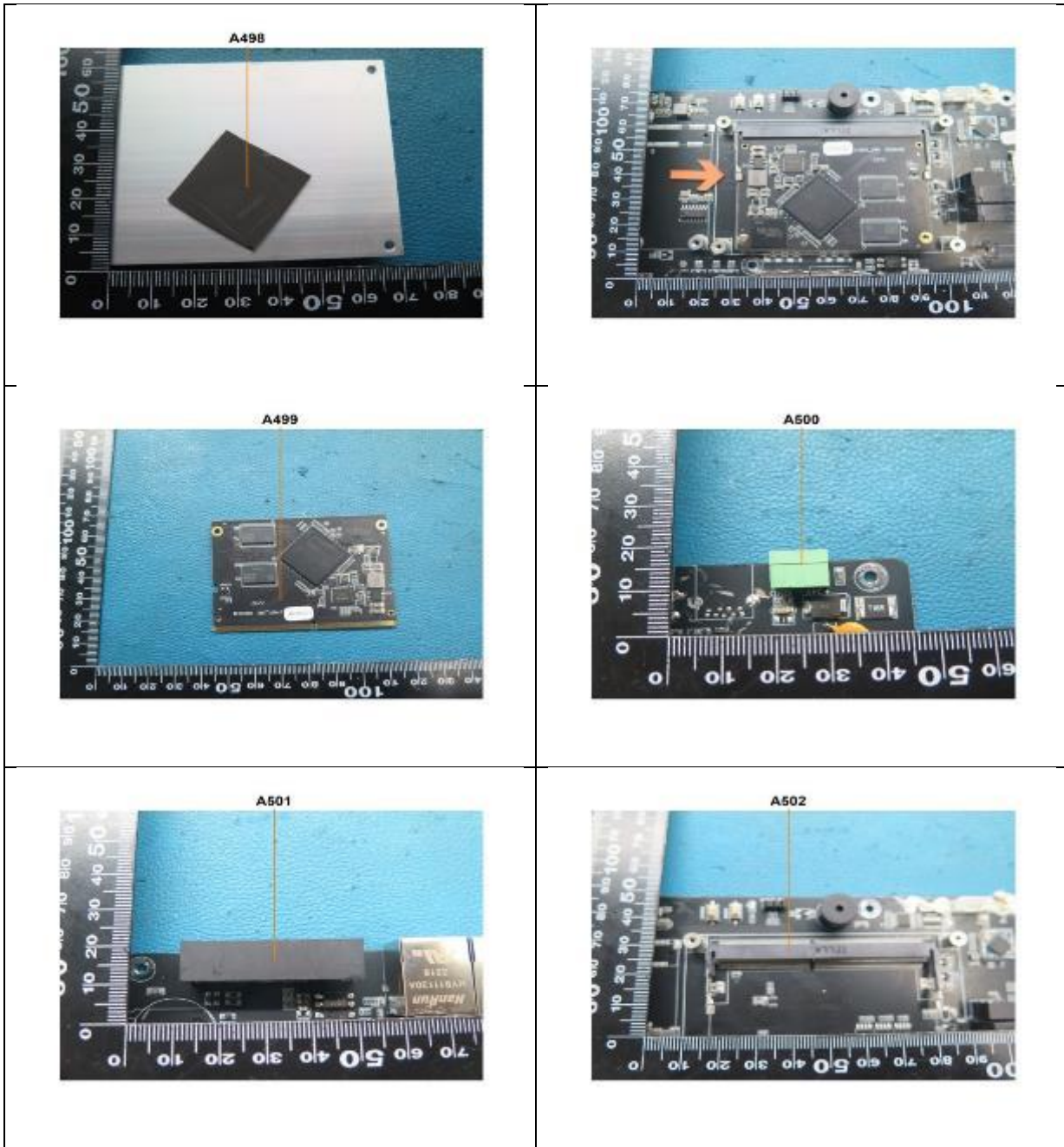


SGS-CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

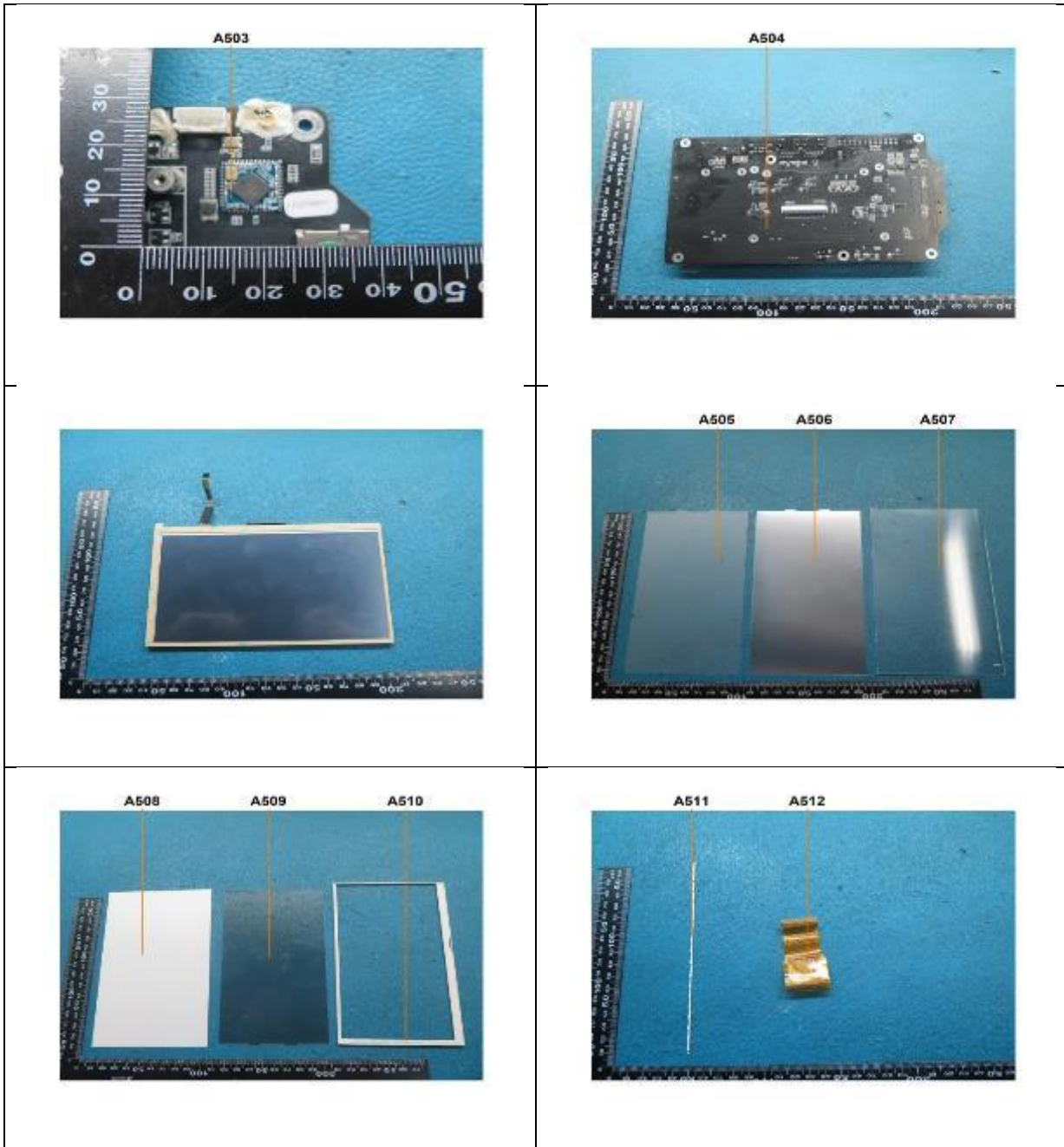


SGS CSTC (Shanghai) Technical Services Co., Ltd.
 检验检测专用章
 Inspection & Testing Services
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



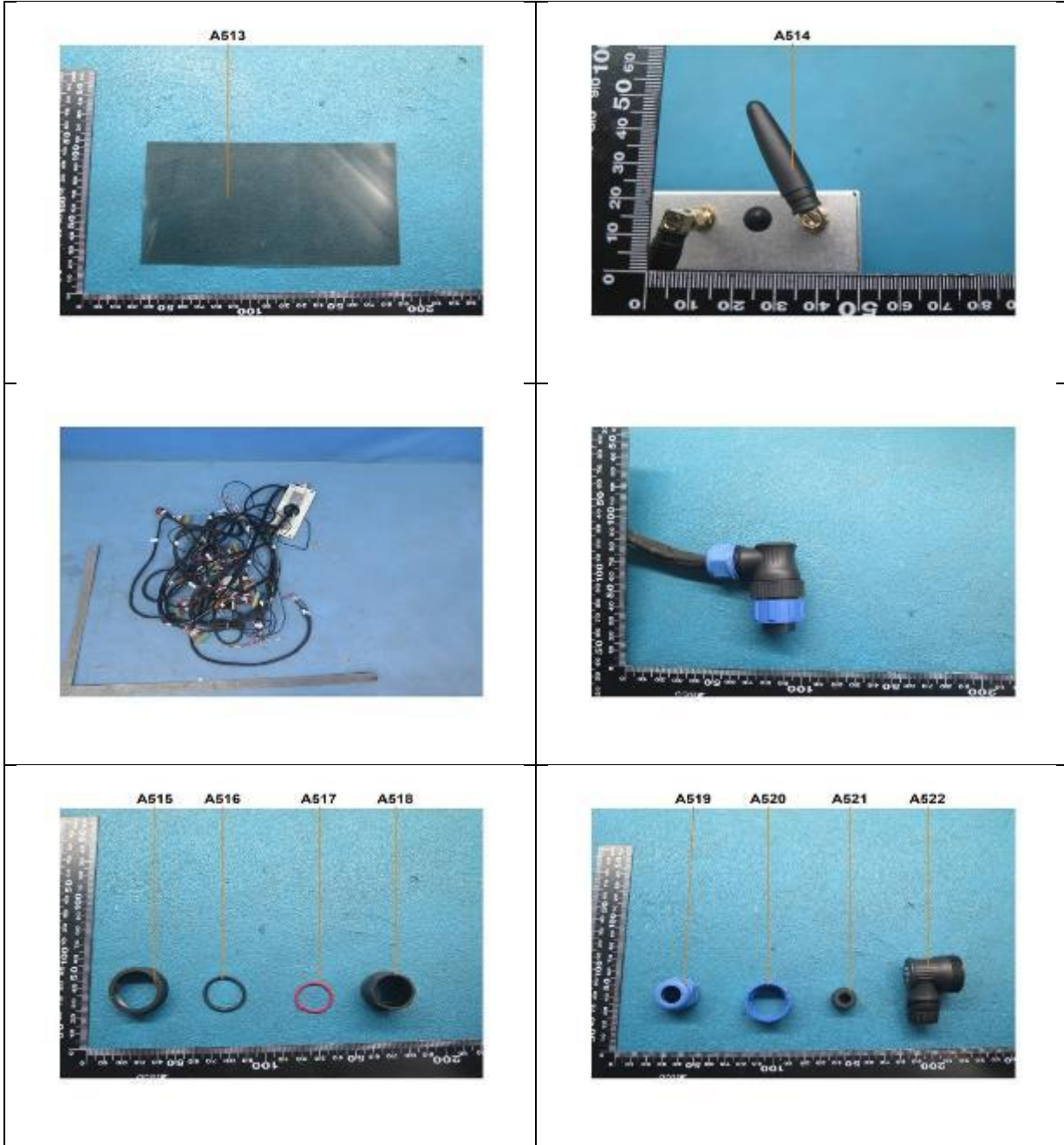
SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

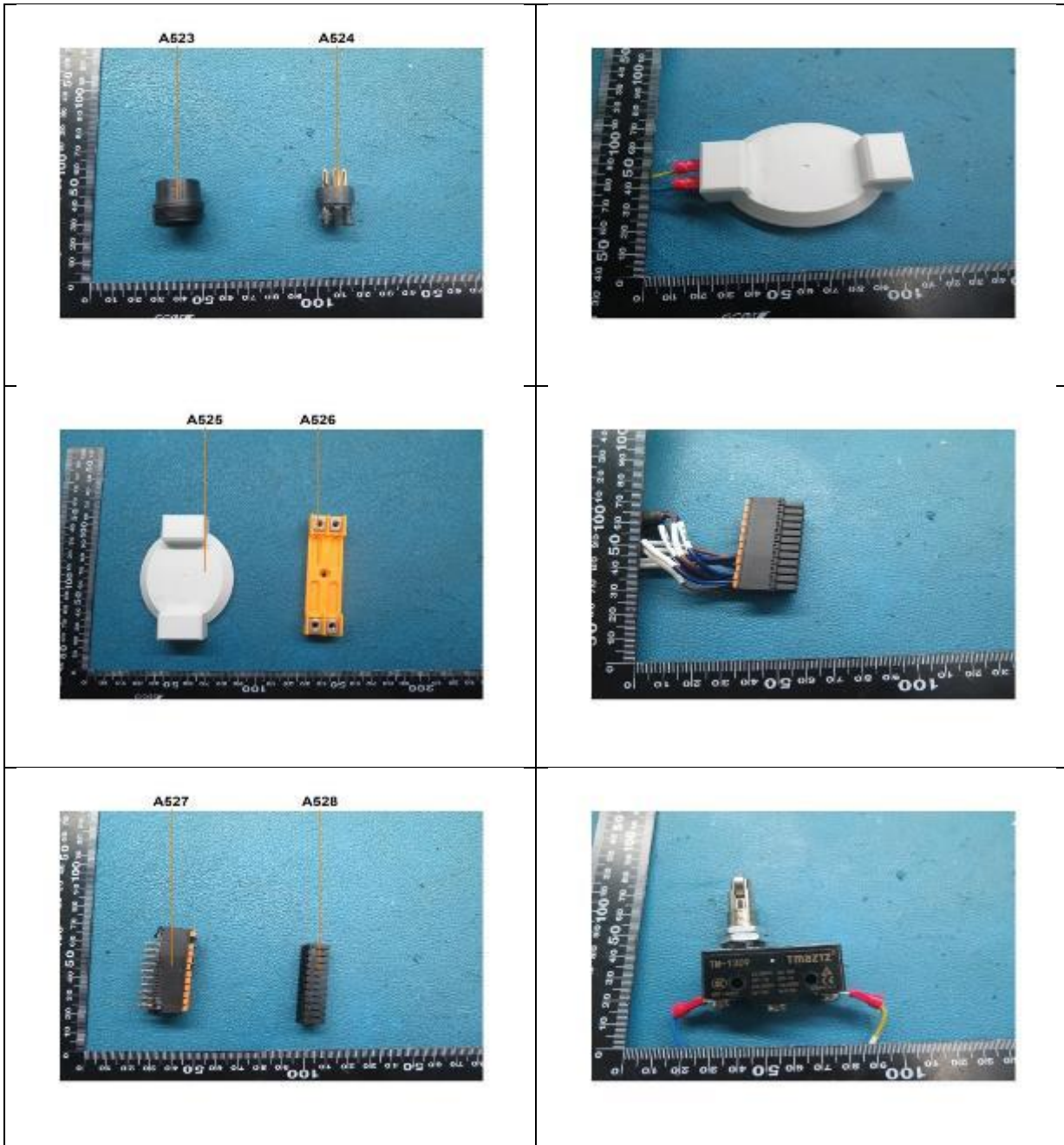
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

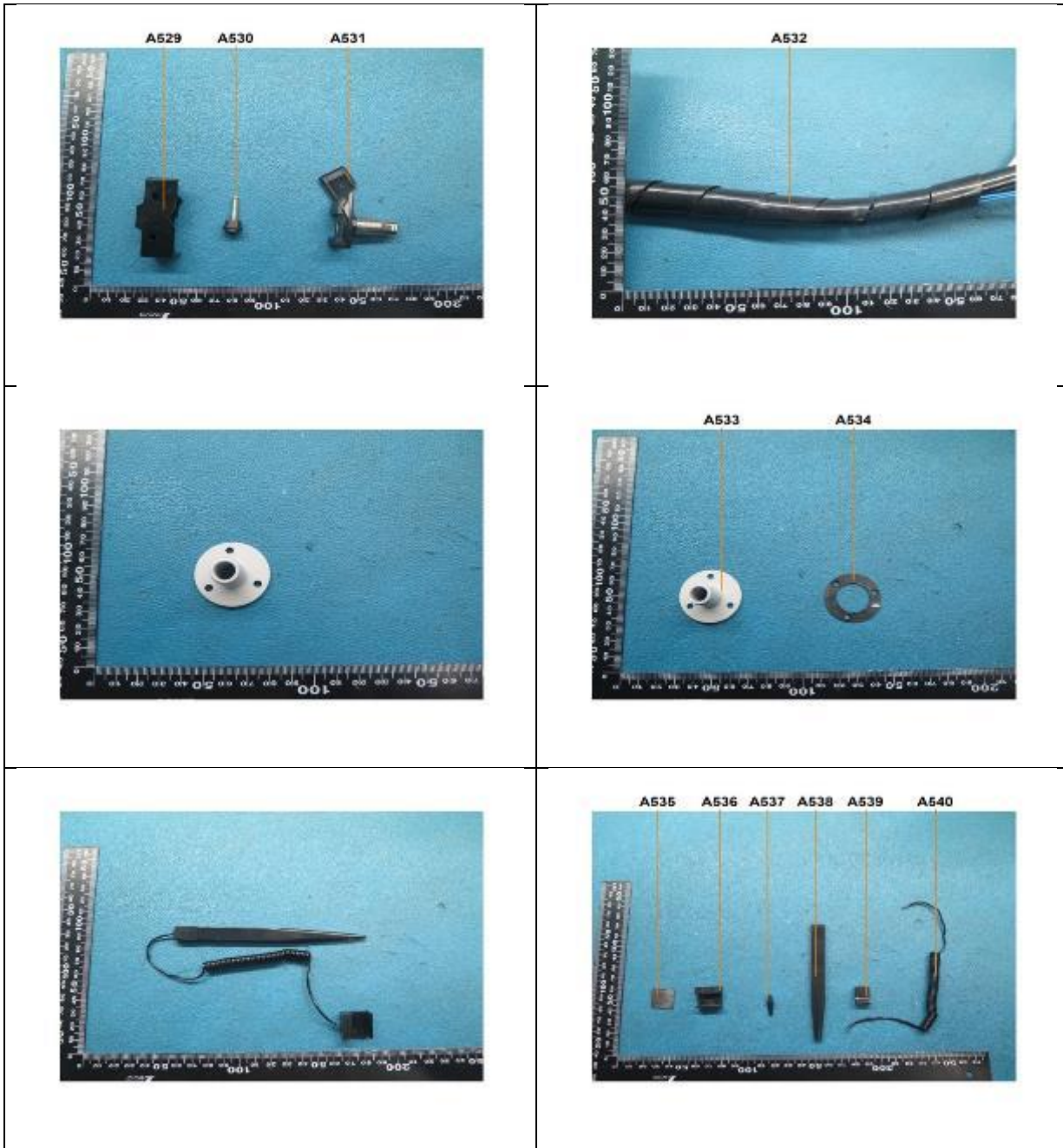
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





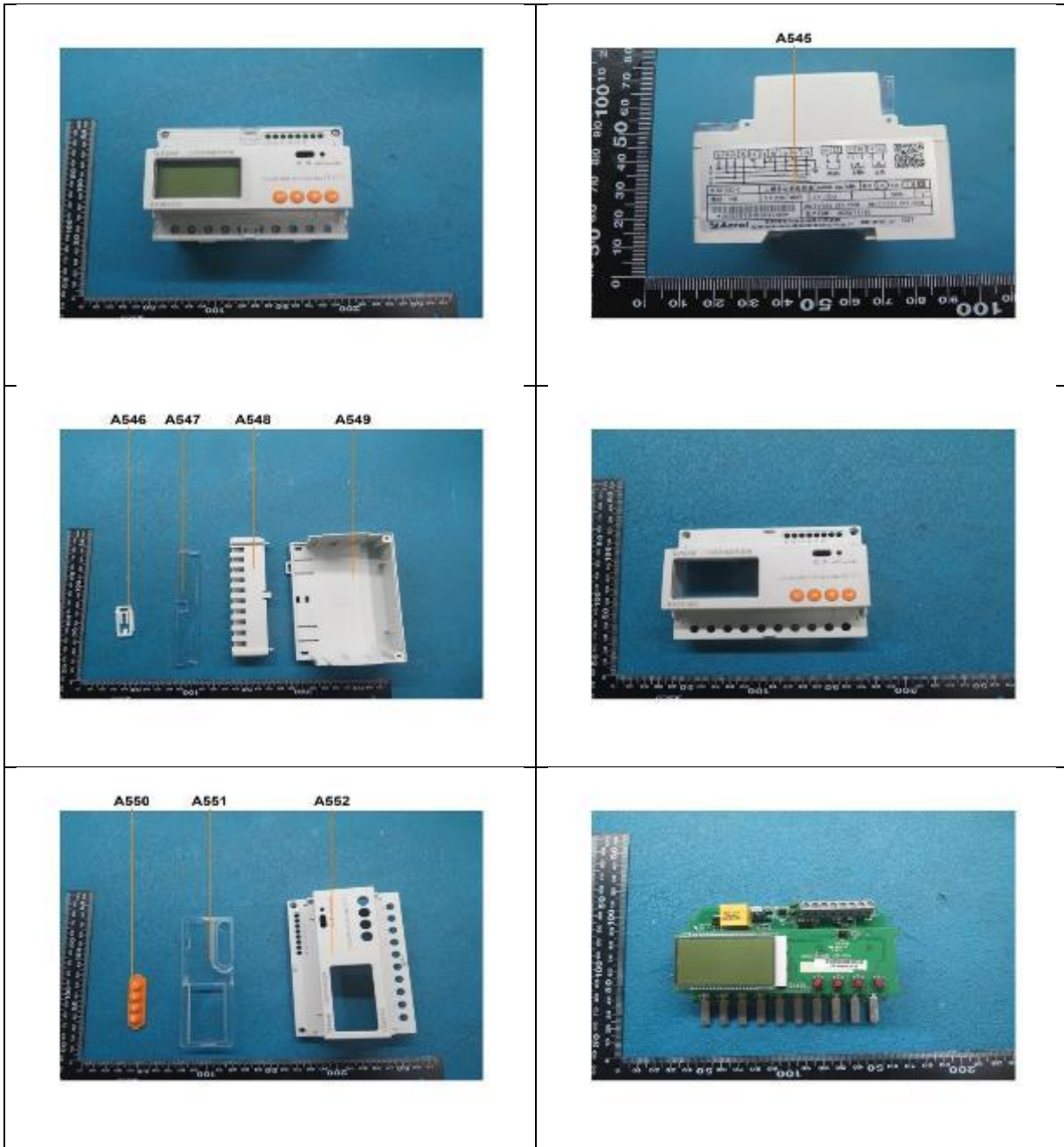
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

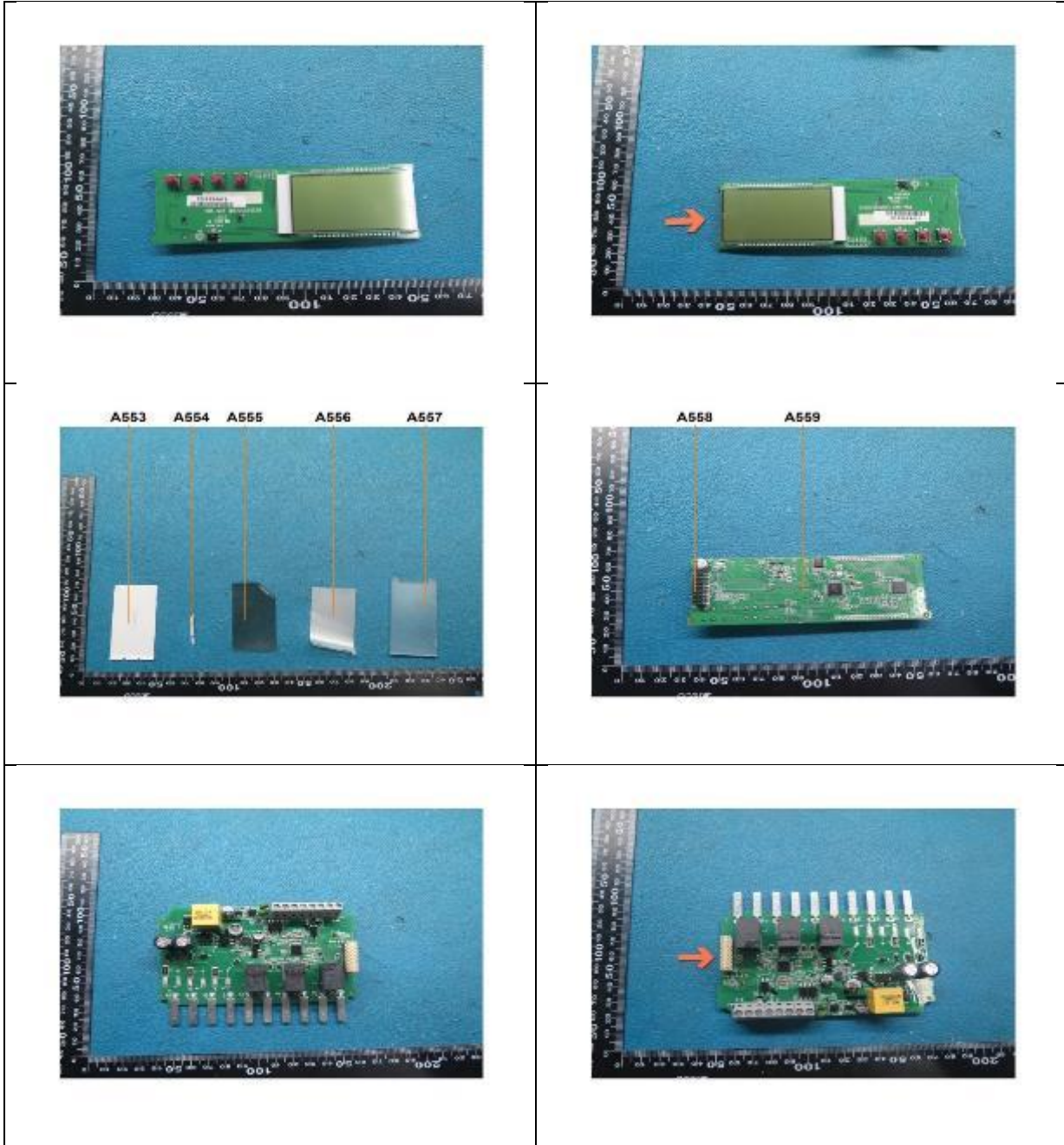


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

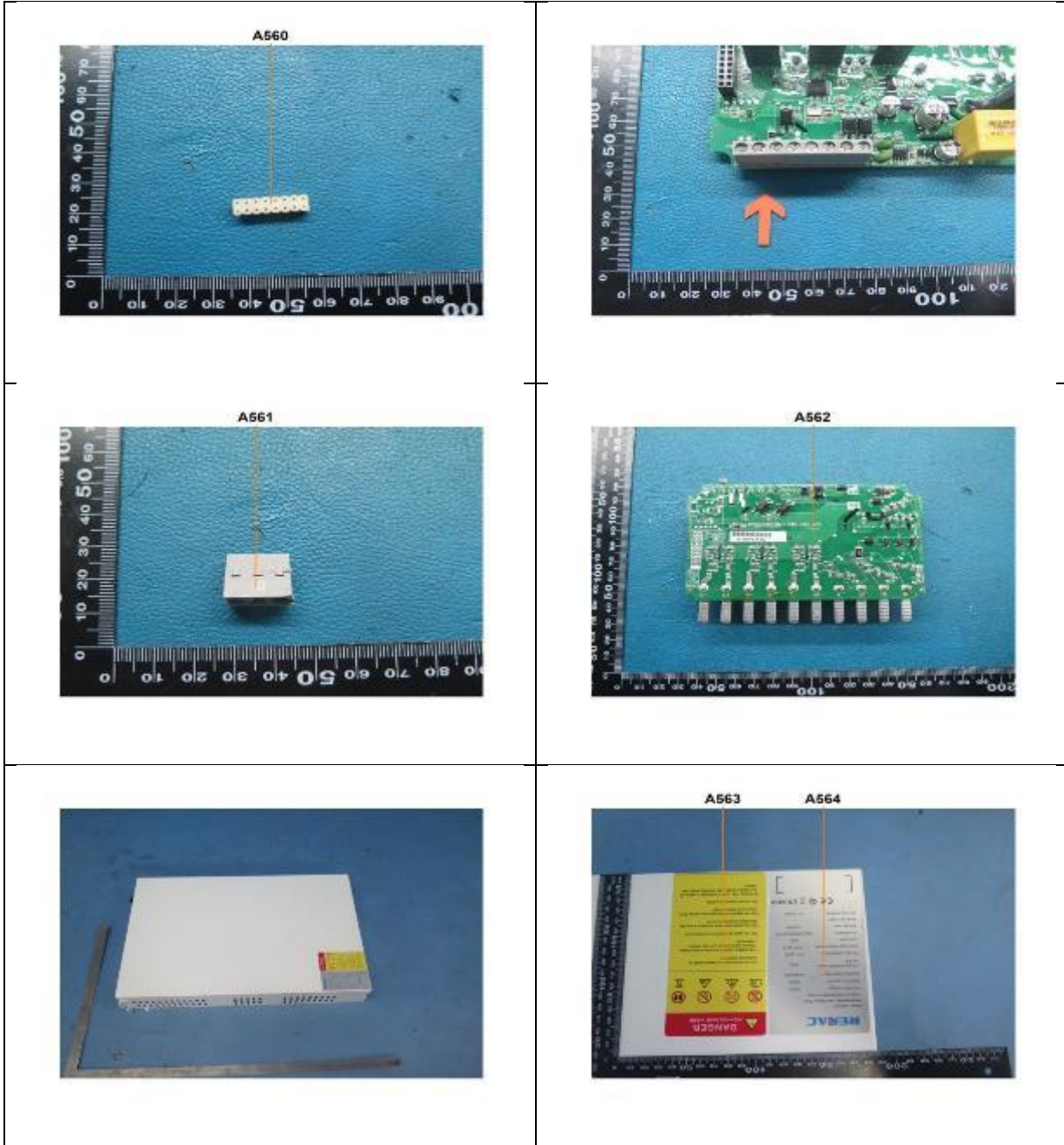
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemicals Sector

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

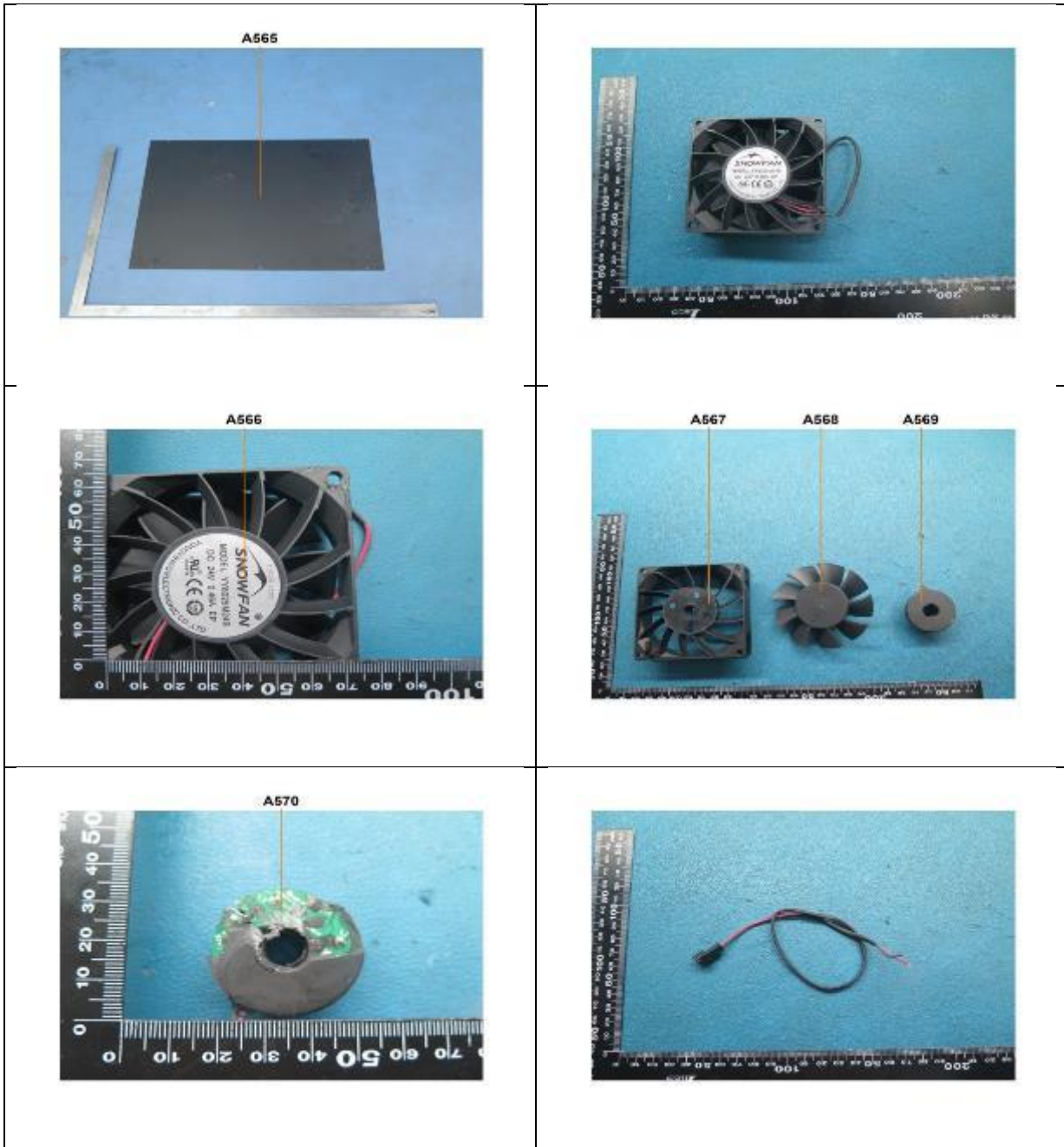
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

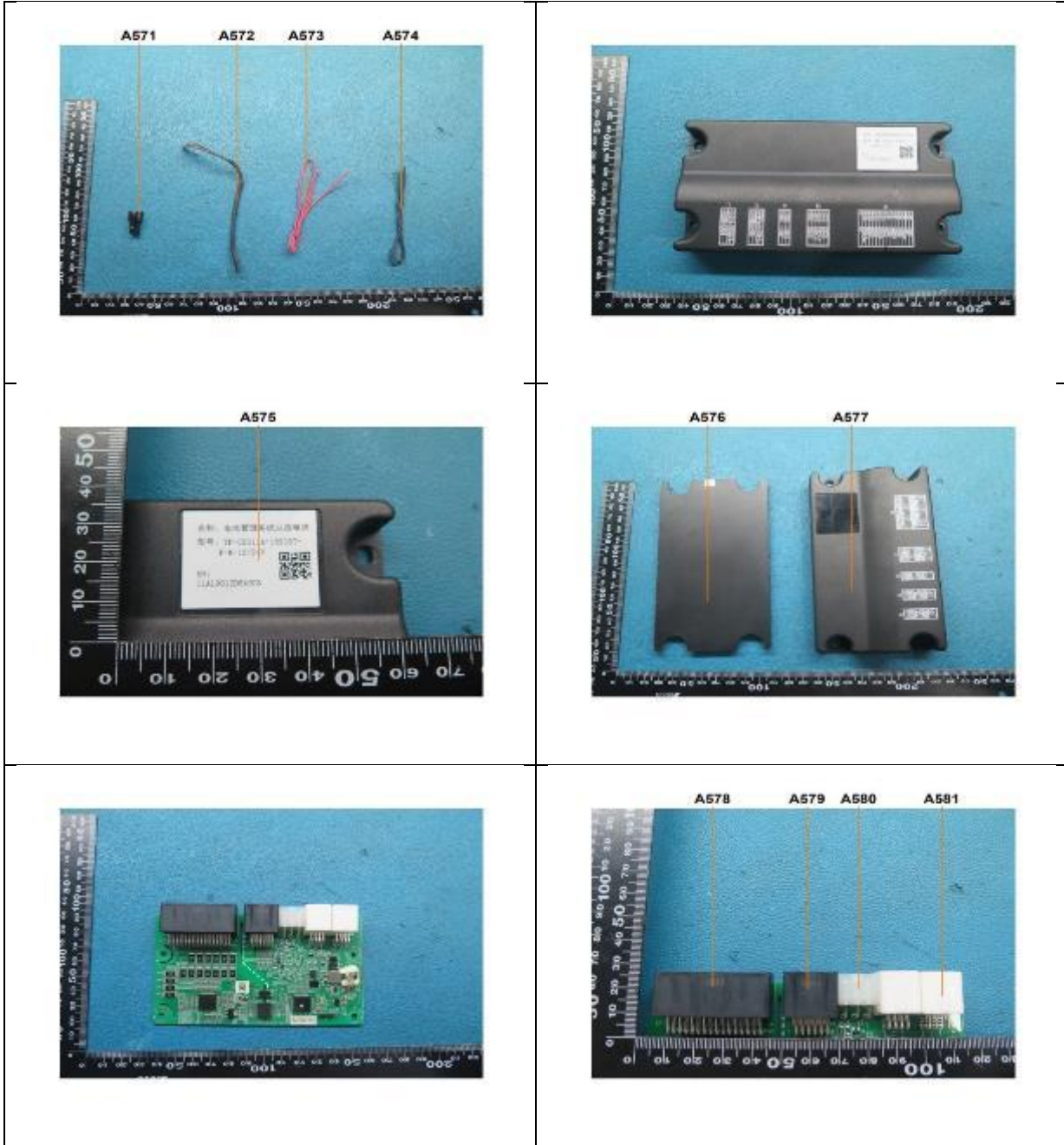


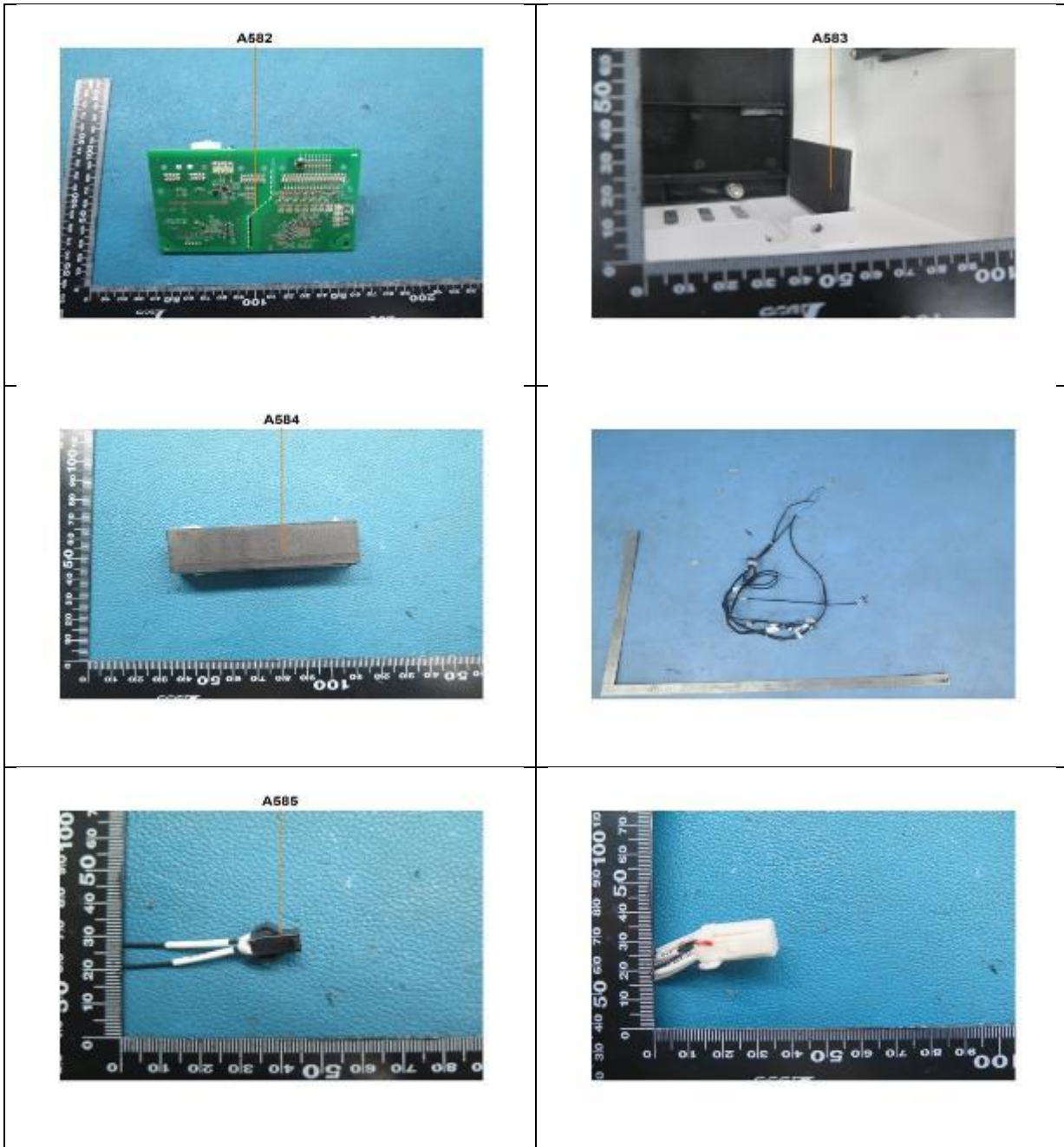
SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
 Testing Center - Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

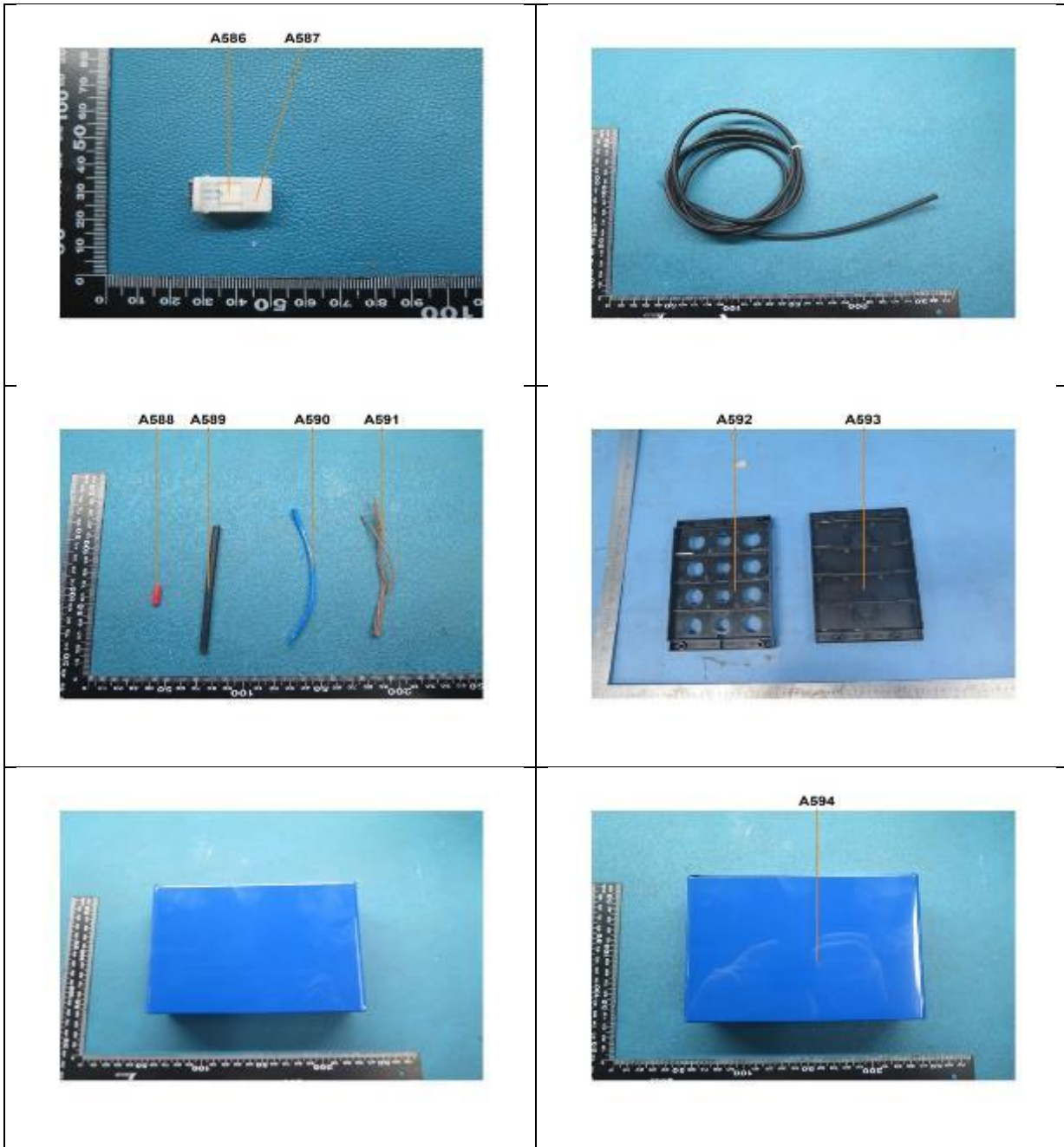




Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



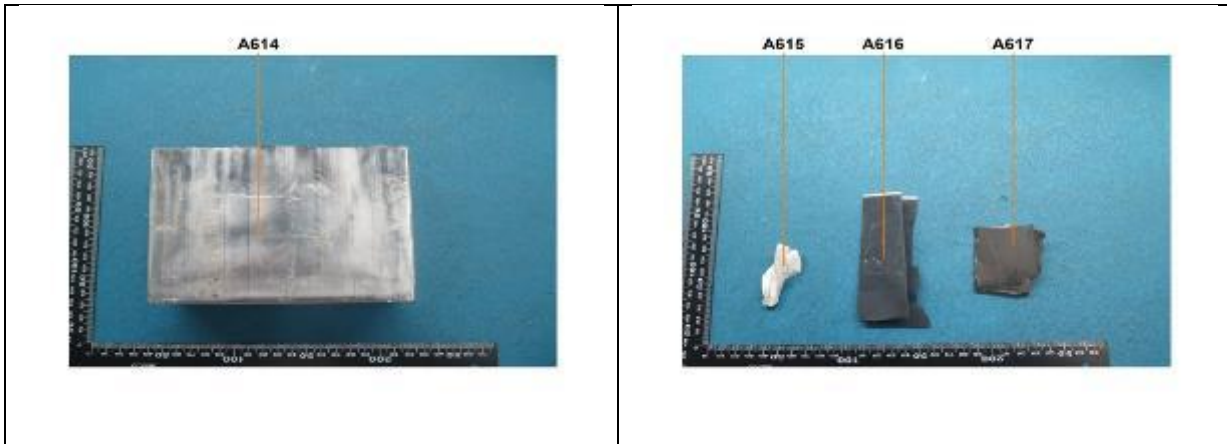
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com





SGS authenticate the photo on original report only
 *** End of Report ***



SGS CSTC (Shanghai) Technical Services Co., Ltd.
 Testing Center-Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com