Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-11158-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from:	**27.10.2025**	**Valid to:**	**27.01.2027**
Date of issue:	27.10.2025		

This annex is part of the Accreditation Certificate D-PL-11158-01-00.

Holder of the Accreditation Certificate:

SGS Hong Kong Limited
1/F, Unit 16-29 3/F, 4/F & 5/F, On Wui Centre,
25 Lok Yip Road, Fanling, New Territories
HONG KONG, P.R. CHINA

with the locations

SGS Hong Kong Limited
1/F, Unit 16-29 3/F, 4/F & 5/F, On Wui Centre,
25 Lok Yip Road, Fanling, New Territories
HONG KONG, P.R. CHINA

SGS Hong Kong Limited
DD 121, Lot 1302, 30 Ping Tong Street South,
Ping Shan, Yuen Long
HONG KONG, P.R. CHINA

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

chemical and physico-chemical testing of chemical raw, intermediate, and final products (solvents, cleaners, adhesives, paints, Inks, dyes, pigments, auxiliaries and pre-treatment agents);
determination of hazardous substances in chemical, electrical and electronic products;
chemical, physico-chemical and biological testing of biodegradability of packaging materials

Flexible Scope of Accreditation:
The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).
The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

Content

Location A 1/F UNITS 16-29 3/F 4/F & 5/F, On Wui Centre 25 Lok Yip Road, Fanling, New Territories
Location B DD 121, Lot 1302, 30 Ping Tong Street South, Ping Shan, Yuen Long

1 Chemical and physico-chemical testing of chemical raw, intermediate, and final products (solvents, cleaners, adhesives, paints, Inks, dyes, pigments, auxiliaries and pre-treatment agents, ceramic ware, glassware, glass ceramic ware and vitreous enamel ware)

1.1 Determination of organic hazardous substances using gas chromatography with mass selective detectors (GC-MS)

ISO 14389 2022-10	Textiles - Determination of phthalate content - Tetrahydrofuran method (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO/TS 16179 2012-08	Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 16186 2021-05	Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarate (DMFU) (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 17070 2015-02	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 18219-1 2021-05	Leather - Determination of chlorinated hydrocarbons in leather - Part 1: Chromatographic method for short-chain chlorinated paraffins (SCCPs) (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 18219-2 2021	Leather - Determination of chlorinated hydrocarbons in leather - Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCPs) (Modification: *here for chemical raw, intermediate, and final products*) (Limitation: *only C_{14} to C_{15}*)	A

ISO 22818 2021-03	Textiles - Determination of short-chain chlorinated paraffins (SCCP) and middle-chain chlorinated paraffins (MCCP) in textile products out of different matrices by use of gas chromatography negative ion chemical ionization mass spectrometry (GC-NCI-MS) (Modification: *here for chemical raw, intermediate, and final products*) (Limitation: *MCCP only C_{14} to C_{15}*)	A
ISO 14362-1 2017-02	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (Modification: *here for chemical raw, intermediate, and final products*)	A
EN ISO 14362-1 2017-02	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 14362-3 2017-02	Textile - Methods for determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (Modification: *here for chemical raw, intermediate, and final products*)	A
EN ISO 14362-3 2017-02	Textile - Methods for determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (Modification: *here for chemical raw, intermediate, and final products*)	A
DIN 50009 2021-01	Textiles - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: *here for chemical raw, intermediate, and final products*)	A
BS EN ISO 17070 2015-02	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: *here for chemical raw, intermediate and final products*)	A
AFPS GS 2019:01 PAK 2020-04	Product Safety Commission (AfPS) GS Specification: Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the course of awarding the GS mark- Specification pursuant to article 21(1) no. 3 of the Product Safety Act (ProdSG) (Limitation: *only performance of the physico-chemical and chemical tests*)	A
CPSC-CH-C1001-09.4 2018-01	Standard operating procedure for determination of phthalates	A

CTS-HL-206-5 2018-03	Determination of Polycyclic Aromatic Hydrocarbons (PAHs) Content in plastic, rubber type samples & chemical formulations	A
CTS-SL-201-21 2020-12	Detection and Determination of Certain Aromatic Amines Derived from Azo Colorants - Detection of the use of certain azo colorants of chemical formulations by GC/MS and HPLC/DAD	A
CTS-SL-201-22 2020-12	Detection of the use of certain azo colorants of chemical formulations, which may release 4-aminoazobenzene GC/MS and HPLC/DAD	A
CTS-SL-204-2 2018-03	Determination of Chlorinated Organic Carriers (COC) in Textile Commodity Article and Chemical Formulations by GC-MS method	A
CTS-SL-205-1 2020-12	Determination of Organotin Content in Textile, Plastic, Leather and chemical formulations with Extraction Facilitated by Carbamate solution by GC/MS method	A
CTS-SL-206-10 2020-11	Determination the content of Phthalates (DBP, BBP, DEHP, DINP, DNOP, DIDP, DiBP, DNHP, DEP, DIOP, DMEP, DCHP, DNP and DPrP) in print and chemical formulations	A
CTS-SL-209-2 2020-12	Determination of Short Chain Chlorinated Paraffin (C10-13) in Textile, Leather and Polymeric Components and chemical formulations by Gas Chromatography - Mass Selective Detector with Negative Chemical Ionization (GC/MS-NCI)	A
CTS-SL-216-8 2023-01	Determination of Flame retardants in textile, leather, plastic and chemical formulations by GC-MS method	A
CTS-SL-220-4 2018-03	Determination of Volatile Organic Compounds (VOCs) and Halogenated Solvents in Chemical formulations by GCMS	A
CTS-SL-237-1 2018-04	Determination of the content of extractable of ortho-Phenylphenol (OPP), its salts and esters in textiles and chemical formulations by alkaline digestion / GC-MS analysis by in-house method	A
CTS-SL-266-2 2023-02	Determination of dimethylformamide, dimethylacetamide, *N*-methyl-2-pyrrolidone, *N*-ethyl-2-pyrrolidone and formamide in textiles, fabrics, leather, polymers, and chemical formulations	A
CTS-SL-270-3 2023-01	CHEMICAL SCREENING (SGS BRS350-2022) for MRSL substances in Various Chemical Auxiliaries with GC/MS, LC/DAD/MS, ICP/OES, ICP/MS	A
CTS-SL-271-1 2018-03	Determination of Glycols in Chemical formulations by GC/MS	A

1.2 Determination of organic hazardous substances using gas chromatography with conventional detectors (GC-ECD)

ISO 17070 2015-02	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-203-2 2018-04	Determination of the content of extractable Monochlorophenol (MCP), Dichlorophenol (DCP), Trichlorophenol (TCP), Tetrachlorophenol (TeCP) and Pentachlorophenol (PCP), its salts and esters in printed polyester and chemical formulations by alkaline digestion / GC-ECD analysis by in-house method	A

1.3 Determination of organic hazardous substances using liquid chromatography with mass selective detectors (LC-MS, LC-MS/MS)

ISO 18218-1 2015-06	Leather - Determination of ethoxylated alkylphenols - Part 1: Direct method (Modification: *here for chemical raw, intermediate, and final products*)	A
ISO 18254-1 2016-04	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS (Modification: *here for chemical raw, intermediate, and final products*)	A
DIN 54231 2022-09	Textiles - Detection of dyes after methanol extraction (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-202-4 2020-12	Determination of Allergeneous and Carcinogenic dyestuff in Chemical Formulations by HPLC/MSD	A
CTS-SL-213-4 2018-06	Determination of Alkylphenol and Alkylphenol Ethoxylates in Chemical Formulations by HPLC-MS	A
CTS-SL-219-4 2018-03	Determination of extractable Perfluorooctanoic acid (PFOA) and Heptadecafluorooctanesulfonic acid (PFOS) for liquid samples by LC-MS/MS	A
CTS-SL-219-5 2018-06	Determination of extractable Perfluorooctanoic acid (PFOA) and Heptadecafluorooctancesulfonic acid (PFOS) for chemical formulations (eg. aqueous liquid, organic liquid, solid) by HPLC-MS/MS	A

CTS-SL-238-2 2023-02	Determination of Extractable Bisphenol A in chemical formulations by methanol extraction by High Performance Liquid Chromatograph with Tandem mass spectrometer (HPLC-MS-MS)	A
CTS-SL-270-3 2023-01	CHEMICAL SCREENING (SGS BRS350-2022) for MRSL substances in Various Chemical Auxiliaries with GC/MS, LC/DAD/MS, ICP/OES, ICP/MS	A

1.4 Determination of organic hazardous substances and metals using liquid chromatography with conventional detectors (LC-DAD)

ISO 17075-2 2017-02	Leather - Chemical determination of chromium (VI) content in leather - Part 2: Chromatographic method (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-201-21 2020-12	Detection and Determination of Certain Aromatic Amines Derived from Azo Colorants - Detection of the use of certain azo colorants of chemical formulations by GC/MS and HPLC/DAD	A
CTS-SL-201-22 2020-12	Detection of the use of certain azo colorants of chemical formulations, which may release 4-aminoazobenzene GC/MS and HPLC/DAD	A
CTS-SL-270-3 2023-01	CHEMICAL SCREENING (SGS BRS350-2022) for MRSL substances in Various Chemical Auxiliaries with GC/MS, LC/DAD/MS, ICP/OES, ICP/MS	A

1.5 Determination of metals using atomic absorption spectrometry (Flame-AAS)

CPSC-CH-E1003-09.1 2011-02	Standard operating procedure for determining lead (Pb) in paint and other similar surface coatings	A

1.6 Determination of metals using inductively coupled plasma atomic emission spectrometry (ICP-OES)

EN 16711-1 2015-11	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-108-1	Determination of heavy metals and toxic elements (Ba, Ag, Se, Cu, Na, Zn, Cd, Cr, Hg, Pb, As, Sb, Ni, Co, B, Be and Sn) content in organic based samples, siliceous based samples, chemical formulation materials and metallic samples with reference to microwave assisted acid digestion	A

CTS-SL-108-6 2023-02	Determination of heavy metal content using microwave digestion for textile, leather, plastics, metal, coating and chemical formulations by ICP-MS and ICP-OES	A
CTS-SL-270-3 2023-01	CHEMICAL SCREENING (SGS BRS350-2022) for MRSL substances in Various Chemical Auxiliaries with GC/MS, LC/DAD/MS, ICP/OES, ICP/MS	A

1.7 Determination of metals using inductively coupled plasma mass spectrometry (ICP-MS)

EN 16711-1 2015-11	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-108-1	Determination of heavy metals and toxic elements (Ba, Ag, Se, Cu, Na, Zn, Cd, Cr, Hg, Pb, As, Sb, Ni, Co, B, Be and Sn) content in organic based samples, siliceous based samples, chemical formulation materials and metallic samples with reference to microwave assisted acid digestion	A
CTS-SL-108-6 2023-02	Determination of heavy metal content using microwave digestion for textile, leather, plastics, metal, coating and chemical formulations by ICP-MS and ICP-OES	A
CTS-SL-270-3 2023-01	CHEMICAL SCREENING (SGS BRS350-2022) for MRSL substances in Various Chemical Auxiliaries with GC/MS, LC/DAD/MS, ICP/OES, ICP/MS	A

1.8 Determination of metals using UV/VIS spectroscopy

ISO 17075-1 2017-02	Leather - Chemical determination of chromium (VI) content in leather - Part 1: Colorimetric method (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-SL-104-10 2020-12	Determination of Chromium (VI) content in MRSL substances in various chemical auxiliaries by colorimetric method	A

1.9 Determination of halogens, sulfur and ammonia using ion chromatography

EN 14582 2016-08	Characterization of waste - Halogen and sulfur content - Oxygen combustion in closed systems and determination methods (Modification: *here for chemical raw, intermediate, and final products*)	A
CTS-HL-103-1 2008-10	Determination of ammonium ion in aqueous consumer products using ion chromatography	A

1.10 Determination of volatile organic compounds (VOC) using gas chromatography with conventional detectors (GC-FID, GC-TCD)

CARB Method 310 2018-05	Determination of volatile organic compounds (VOC) in consumer products and reactive organic compounds (ROC) in aerosol coating products	A
CTS-HL-218-1 2008-06	Determination of Low Vapor Pressure - Volatile Organic Compounds (LVP-VOC) in consumer product by GC-FID analysis	A
CTS-HL-219-1 2011-01	Determination of exempt compounds in propellant portion of aerosol consumer product by GC-TCD analysis	A

1.11 Determination of volatile organic compounds (VOC) using gas chromatography with mass selective detectors (GC MS)

CTS-HL-219-2 2011-05	Determination of exempt compounds in non-propellant portion of consumer product by GC-MS analysis	A
CTS-HL-804-1 2011-05	Determination of exempt compounds in paint and ink by GC-MS analysis	A

1.12 Further testing

ASTM D 1475 2013-01	Standard test method for density of liquid coatings, Inks, and related products	A
EPA 24 1993-08	Determination of volatile matter content, water content, density, volume solid, and weight solids of surface coating	A
EPA 24A 1996-05	Determination of volatile matter content and density of publication rotogravure inks and related publication rotogravure coatings	A
SCAQMD 316A-92 1996-10	Determination of Volatile Organic Compounds (VOC) in Materials Used for Pipes and Fittings	A
CTS-HL-218-6 2016-08	Determination of Water content with Karl Fischer Drying Oven in Consumer Product with modification of MLD SOP SAS03	A
CTS-HL-902-1 2008-06	Determination of density of aerosol consumer product propellant by digital density meter	A

2 Determination of biodegradability and disintegration of packaging materials using biological test systems

EN 14582 2016-08	Characterization of waste - Halogen and sulfur content - Oxygen combustion in closed systems and determination methods	A
EPA 3052 1996-02	Microwave assisted acid digestion of siliceous and organically based matrices	A
CTS-EC-111-2 2021-11	Determination of the ultimate aerobic biodegradability of plastic, packaging and packaging materials under controlled composting conditions including the determination of pH, Total Dry Soild, Volatile Solid, Total Organic Carbon and Total Nitrogen using physical-chemical methods (Limitation: *only pH, total organic carbon and total nitrogen*)	B
CTS-EC-111-5 2021-06	Determination of Heavy Metals and Toxic Elements (Zn, Cu, Ni, Cd, Pb, Hg, Cr, Mo, Se and As) content in Plastic and Packaging Materials by using Microwave assisted Digestion	A
ISO 14855-1 2012-12	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 1: General method	A, B
ISO 20200 2023-02	Plastics — Determination of the degree of disintegration of plastic materials under composting conditions in a laboratory-scale test	B
EN 13432 2000-09	Packaging - Requirements for packaging recoverable through composting and biodegradation - Test scheme and evaluation criteria for the final acceptance of packaging	A, B
ASTM D5338-15 2021-01	Standard Test Method for Determining Aerobic Biodegradation of Plastic Materials Under Controlled Composting Conditions, Incorporating Thermophilic Temperatures	A, B
CTS-EC-111-2 2021-11	Determination of the ultimate aerobic biodegradability of plastic, packaging and packaging materials under controlled composting conditions including the determination of pH, Total Dry Soild, Volatile Solid, Total Organic Carbon and Total Nitrogen using physical-chemical methods (Limitation: *only total dry and volatile solids*)	B

3 Chemical and physico-chemical testing of electrical and electronic products

AfPS GS 2019:01 PAK 2020-04	Product Safety Commission (AfPS) GS Specification: Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the course of awarding the GS mark- Specification pursuant to article 21(1) no. 3 of the Product Safety Act (ProdSG) (Limitation: *only performance of the physico-chemical and chemical tests*)	A

3.1 Sample preparation of electrical and electronic products parts

BS EN 1122 2001-03	Plastics - Determination of cadmium - Wet decomposition method - Method B	A
EN 1122 2001-03	Plastics - Determination of cadmium - Wet decomposition method - Method B	A
EN 1811 2011-02+A1:2015-07	Reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin (retracted standard)	A
EN 1811 2023-02	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin	A
EN 12472 2020-09	Method for the simulation of wear and corrosion for the detection of nickel release from coated items	A
EN 16128 2015-11	Reference method for the testing of spectacle frames and sunglasses for nickel release	A
EN 16711-1 2015-11	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion (Modification: *here for electrical and electronic products*)	A
IEC 62321-2 2021-09	Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjointment and mechanical sample preparation	A
EPA 3051A 1998-01	Microwave assisted acid digestion of sediments, sludges, soils and oils (Modification: *here for electrical and electronic products*)	A
EPA 3052 1996-02	Microwave assisted acid digestion of siliceous and organically based matrices (Modification: *here for electrical and electronic products*)	A

CTS-SL-104-6 2018-08	Accelerated aging procedure for Chromium VI development using controlled humidity chamber	A

3.2 Determination of organic hazardous substances using gas chromatography with mass selective detectors (GC-MS)

IEC 62321-6 2015-06	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS)	A
IEC 62321-8 2017-03	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS)	A
IEC 62321-9 2021-08	Determination of certain substances in electrotechnical products - Part 9: hexabromocyclododecane in polymers by chromatography-mass spectrometry (GC-MS)	A
IEC 62321-12 2023-03	Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry	A
EN 14372 2004-08	Child use and care articles - Cutlery and feeding utensils - Safety requirements and tests. Section 6.3.2: Determination of phthalate content (Modification: *here for electrical and electronic products*)	A
CPSC-CH-C1001-09.3 2010-04	Standard operating procedure for determination of phthalates	A
CPSC-CH-C1001-09.4 2018-01	Standard operating procedure for determination of phthalates	A
CTS-SL-229-1 2011-03	Determination of Tetrabromobisphenol A (TBBP-A) and Pentabromophenol (PBP) using GC-MS	A

3.3 Determination of organic hazardous substances using liquid chromatography with mass selective detectors (LC-MS, LC-MS/MS)

ISO 17881-2 2016-02	Textiles - Determination of certain flame retardants - Part 2: Phosphorus flame retardants	A

ISO 23702-1 2018-09	Leather - Organic fluorine - Part 1: Determination of the non-volatile compound content by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS)	A
CTS-SL-219-1 2018-03	Determination of extractable Perfluorooctanoic acid (PFOA) and Heptadecafluorooctanesulfonic acid (PFOS) in textile sample by LC-MS/MS	A
CTS-SL-219-2 2018-03	Determination of extractable Perfluorooctanoic acid (PFOA) and Heptadecafluorooctanesulfonic acid (PFOS) for textiles and coated materials by LC-MS/MS	A
CTS-SL-219-3 2018-03	Determination of extractable Perfluorooctanoic acid (PFOA) and Heptadecafluorooctanesulfonic acid (PFOS) for polymeric materials by LC-MS/MS	A
CTS-HL-229-1 2021-05	Bisphenol A in-polymeric materials by High Performance Liquid Chromatograph with Tandem mass spectrometer (HPLC-MS-MS)	A

3.4 Determination of metals using atomic absorption spectrometry (Flame-AAS), inductively coupled plasma atomic emission spectrometry (ICP-OES) and inductively coupled plasma mass spectrometry (ICP-MS)

IEC 62321-4 2013-06 + AMD1:2017	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AFS, CV-AAS, ICP-OES and ICP-MS	A
IEC 62321-5 2013-06	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and Cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS	A

3.5 Determination of metals using X-ray fluorescence spectrometry

IEC 62321-3-1 2013-06	Determination of certain substances in electrotechnical products - Part 3-1: Screen-Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry	A

3.6 Determination of metals using UV/VIS spectroscopy

ISO 3613 2000-06	Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys - Test methods	A

IEC 62321-7-1 2015-09	Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method	A
IEC 62321-7-2 2017-03	Determination of certain substances in electrotechnical products - Part 7.2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method	A

3.7 Determination of halogens and sulfur using combustion analysis in combination with ion chromatography

EN 14582 2016-08	Characterisation of waste - Halogen and sulfur content - Oxygen combustion in closed systems and determination methods	A
IEC 62321-3-2 2020-06	Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, chlorine and bromine in polymers and electronics by combustion-ion chromatography (C-IC)	A

4 Chemical and physico-chemical testing of emission from aerosol coating products, liquid coatings, ink, textiles, leather, plastic materials, and wood

4.1 Determination of volatile organic compounds (VOC) using gas chromatography with mass selective detectors (GC-MS)

CTS-SL-220-1 2016-07	Determination of Volatile Organic Compounds (VOCs) in plastic and textile material by Headspace GC-MS	A
CTS-SL-222-5 2008-02	Determination of VOC Emission in textiles, leather and plastic materials by Emission Chamber Method	A

4.2 Determination of formaldehyde using liquid chromatography with conventional detectors (LC-DAD)

CTS-SL-222-5 2008-02	Determination of VOC Emission in textiles, leather and plastic materials by Emission Chamber Method	A

Abbreviations used:

AfPS	Ausschuss für Produktsicherheit
ASTM	American Society for Testing and Materials
BS	British Standard
CARB	California Environmental Protection Agency - Air Resources Board
CEN/TS	Standard of European Committee for Standardization
CPSC	U.S. Consumer Product Safety Commission
DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
EPA	U.S. Environmental Protection Agency
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
SCAQMD	South Coast Air Quality Management District, USA
CTS-XX-YYY-Z	SGS Hong Kong Laboratory In-House Test Method