

Teco Asia

EU Compliance Guide



For Nedis Branded Products

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欧盟合规指引

Nedis 品牌产品适用

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I. BACKGROUND 背景

1.1 Market 市场

- **Nedis Market** - Nedis's major market is the whole Europe, unless destination is specified on PO, all product must be compliance with the law and regulations of the European Union (EU).
- **Nedis 市场** - Nedis 主要市场是整个欧洲, 除非订单内注明指定目的地, 所有产品必须符合欧盟法规。
- Non EU Market - If an order is indicated that the market is a non-EU country, such as India, the product should comply with local regulations.
- 非欧盟市场 - 如果某订单产品注明市场为非欧盟国家, 如印度, 该产品则应符合当地法规。

1.2 Why Compliance 为什么需要合规

- **EU law** - It is by EU law all products must comply with the relevant regulations. Nedis needs to keep pace with the EU, and strictly control the purchased products in strict accordance with the requirements of relevant laws and regulations of the EU and European countries!
- **欧盟法律** - 这是欧盟法律所有产品必须符合相关法规。Nedis 须要跟欧盟同步, 严格依照欧盟和欧洲各国相关法律法规的要求, 对采购产品进行有效管控!
- **Market Surveillance** - The EU official will conduct market sampling inspections from time to time, and penalties may be imposed if there is a problem with the product. Penalties include product recall, fines and even imprisonment.
- **市场监管** - 欧盟官方会随机市场抽样检查, 如发现产品有问题, 可以作出处罚。处罚包括回收产品, 罚款甚至监禁。
- **Aspect of Market Surveillance** - The EU official market surveillance is becoming more and more rigorous and covering all aspect of product safety, health and environmental protection.
- **市场监管范围** - 欧盟官方市场抽查越来越严格, 而且全面涵盖产品安全, 健康以及环境保护各个方面。
- **Customer and Consumer Awareness** - More and more customers and consumers pay more attention to the importance and sustainability of product safety and environmental protection. Only manufacturers that have systemic control on product compliance will be considered for cooperation.
- **客户和消费者关注** - 越来越多客户意识到求产品安全和环保的重要性和持续性。只会考虑导入有系统性产品合规管控的制造商。

1.3 The Scope of Nedis compliance work; Nedis 合规工作范围

- **The scope of Nedis compliance work** is as below
 - **Nedis 合规工作范围**如下:
1. The European Qualification Certification (CE)
 1. 欧洲合格认证(CE)
 2. REACH, POPs
 2. REACH, POPs
 3. Technical Certifications and Licenses
 3. 技术认证或专利授权

1.4 Compliance Team 合规组

- **Teco Asia compliance team** is responsible
 - **Teco Asia 合规组**负责
1. Confirm product standards and requirements.
 1. 核准产品合规标准和要求
 2. Check and confirm all the test reports and technical documents provided by suppliers.
 2. 核查供应商提供的测试报告和技术文件。
 3. Assist Supplier to get a reasonable test plan.
 3. 协助供应商制定合理的测试计划。
 4. Complete the TCF (Technical Construction File) and keep sustainable update.
 4. 完成 TCF(合规技术构造文件) 并保持持续更新。

II. COMPLIANCE WORK 合规工作

2.1 European Qualification Certification (CE) 欧洲合格认证

-  **The European Qualification Certification (CE)** – The CE certification requires that most of the products sold in the European Economic Area (EEA) be printed with the CE mark.
- **The European Economic Area** - EEA is composed of 28 EU countries plus Iceland, Liechtenstein and Norway. Turkey is not part of the European Economic Area, but products are also required to have a CE mark to confirm compliance.
- **EU Directives** - The European Qualification Certification (CE) currently has 25 EU directives focusing on product safety, health and environmental protection.
- **Nedis Product** - Most of Nedis products are in the scope of CE.
- **CE Mark** - The CE mark means that the product manufacturer (here Nedis) ensures that the product complies with the corresponding EU Directives and have completed the appropriate evaluation procedure.
- **The Responsibility of Self-Certification** - The CE mark is a self-certification program that indicates that the product's production process or required third-party tests are the responsibility of the manufacturer or importer and are criminally responsible.
-  **欧洲合格认证(CE)** - CE 认证规定大部分在欧洲经济区(EEA)销售的产品, 都需要印上 CE 标志。
- **欧洲经济区**- EEA 是欧盟 28 国加上冰岛, 列支顿士登和挪威组成。土耳其不属欧洲经济区, 但也要求产品印上 CE 标志以确保符合合规标准。
- **欧盟指令** - 欧洲合格认证(CE)现有 25 条欧盟指令, 主要关注产品安全, 健康以及环境保护。
- **Nedis 产品** - 绝大部份 Nedis 产品都在 CE 范围内。
- **CE 标志** - CE 标志代表产品制造商 (这里指 Nedis) 确保产品符合相应的欧盟指令, 且已完成相应的评估程序。
- **自我认证责任** - CE 标志是一个自我认证方案, 表示产品的生产程序或所需要的第三方测试, 均由制造商或进口商负责, 负有刑事责任。

2.2 TCF (Technical File) 合规技术文件

- **Technical File (TCF)** - A significant stage of the CE marking process is to produce Technical File (TCF) for the product to provide evidence of conformity for the relevant legislation.
- **技术文件 (TCF)** - CE 标志过程的一个重要阶段是为产品生成技术文件 (TCF), 以提供相关法规的符合性证据。
- **The Importance of the TCF** – TCF can play a vital role in protecting a company, as it will retain information on how the product was developed and how it has evolved during the production run, along with provide evidence of the efforts undertaken to ensure the product remains compliant.
- **TCF 重要性** - TCF 在保护公司方面发挥至关重要的作用, 因为它将保留有关产品如何开发以及在生产过程中如何发展的信息, 并提供确保产品保持合规的努力的证据。
- **TCF of each product will usually include:**
 1. Technical description
 2. Drawings, circuit diagrams and photos
 3. Bill of materials
 4. Specification and, where applicable, EU declaration of conformity for the critical components and materials used
 5. Details of any design calculations
 6. Test reports and/or assessments
 7. Instructions
 8. EU declaration of conformity (DoC)
- **每个产品的 TCF 通常包括:**
 1. 技术说明
 2. 图纸, 电路图和照片
 3. 物料清单
 4. 所用关键部件和材料的规范和欧盟合格声明
 5. 任何设计的细节
 6. 测试报告和/或评估
 7. 说明书
 8. 欧盟符合性声明 (DoC)
- **Supplier Internal Technical Documents** - Items 1 to 5 are internal technical documents of the supplier and are not currently required to be provided. However, in the event of a request from the European customer or the EU regulatory agency, the company should cooperate with the offer.
- **供应商内部技术文件** - 第 1 至 5 项是供应商内部技术文件, 暂时未有硬性要求提供。但遇到欧洲客诉或欧盟监管机构要求下供应商需要配合提供。
- **Test Report** - The 6th item Test Report and/or Assessment is the subject of this article; it is the responsibility of the Nedis supplier to provide full set of essential reports.
- **测试报告** - 第 6 项测试报告和/或评估, 是本文的主题, Nedis 供应商责任必须提供整套相关报告。
- **TCF Record** - TCF must be held for a period of up to 10 years after the manufacture of the last unit.
- **TCF 记录** - TCF 必须在最后一个产品生产后保存长达 10 年。

2.3 Product IP

- **TCF Storage Location** - To comply with European legislation around product compliance, Nedis employs an internet based expert system Product IP (<https://www.productip.com/>), for creating, managing and sharing product TCF.
- **Product TCF** - In the Product IP platform under Nedis environment, TCF will be created for each unique Nedis product, all relevant test reports and technical documents are stored and shared there.
- **TCF Sharing** - EU authorities and customers can browse the site to check Nedis products technical files.
- **Document upload to PIP** - Compliance Team - Teco Asia compliance team is responsible to check all the test reports provided by suppliers, upload the verified reports to Product IP; ensuring each unique product has a TCF (technical compliance file) in Product IP, with proper 3rd parties laboratory test reports and other essential technical documents are populated.
- **TCF to be signed off, closed and turned legal** – When the Compliance Team finished the TCF, Q-Nedis double check all the test reports and or technical documents, sign the DoC and then close the TCF. The closed TCF turns legal.
- **TCF 储存位置** - 遵守关于产品合规性的欧洲法规, Nedis 采用专业第三方在线系统 Product IP (<https://www.productip.com/>) 用以创建, 管理和分享 TCF 文档。
- **产品 TCF** - 在 Product IP 平台内 Nedis 环境下, 每个单一的 Nedis 产品会建立一个 TCF, 所有相关的测试报告和技术文档都存储在里面和共享。
- **TCF 共享** - 欧洲市场监督部门和客户可以浏览并核查 Nedis 产品相关的 TCF 文档。
- **文件上载至 Product IP** - Teco Asia 合规组负责核查所有供应商提供的测试报告, 合规报告会上载到 Product IP。确保每一个产品在 Product IP 系统都有正确最新有效的第三方测试报告以及其他重要技术文档。
- **TCF 签署, 关闭及法律效力生效** - 当合规组完成 TCF 后, Q-Nedis 会再检查所有测试报告和技术文档, 签署 DoC 然后关闭 TCF。关闭的 TCF 法律效力开始生效。

2.4 Common CE Product Safety and Health Directive 一般 CE 产品安全和健康全指令

- Low Voltage Directive (LVD)
- General Product Safety Directive (GPSD)
- Electro Magnetic Compatibility (EMC)
- The Eco-design (ErP) and Energy Labelling
- Radio Equipment Directive (RED)
- Food Contact (FCMs, LFGB + BP-A free)
- Restriction of Hazardous Substances (RoHS)
- SDS or (M)SDS
- Batteries Directive
- Child Appealing EN71
- Construction Product Regulation (CPR)
- Sound pressure
- LED, LED safety, bio hazard
- 低电压指令 (LVD)
- 通用产品安全指令(GPSD)
- 电磁兼容性 (EMC)
- 耗能产品(ErP), 能效标识
- 无线设备指令(RED)
- 食品接触 (FCMs, LFGB + BP-A free)
- 电气,电子中限制有害物质 (RoHS)
- 材料安全性数据表
- 电池指令
- 儿童适用 EN71
- 建筑产品法规 (CPR)
- 声压
- LED, LED 安全, 生物危害

2.5 RoHS 电气, 电子设备中限制使用某些有害物质指令

- What is RoHS - The standard officially implemented on 1st July 2006. The purpose is to restrict the use of hazardous substances (Pb, Hg, Cd, Cr6+, PBB, PBDE) in electronic products, with a focus on lead content not exceeding 1%.
- 22-Jul-2019 --> called RoHS 2.0 (10 substances), amending directive (EU) 2015/863 enter into force, amending to 2011/65/EU, adding 4 more substances.
- RoHS Test Report – Nedis products covered by RoHS, the supplier must provide a RoHS product test report. The RoHS BOM integration report or the RoHS material test report is not accepted.
- **The ROHS 2.0 Test 10 items** : list as following
 1. Lead (Pb) < 1000 ppm
 2. Mercury (Hg) < 100 ppm
 3. Cadmium (Cd) < 100 ppm
 4. Hexavalent Chromium (Cr6+) < 1000 ppm
 5. Polybrominated Biphenyls (PBB)<1000 ppm
 6. Polybrominated Diphenyl Ethers (PBDE)<1000 ppm
 7. Bis(2-Ethylhexyl) phthalate (DEHP)<1000 ppm
 8. Benzyl butyl phthalate (BBP)<1000 ppm
 9. Dibutyl phthalate (DBP)<1000 ppm
 10. Diisobutyl phthalate (DIBP)<1000 ppm
- **RoHS test report content** – Nedis article, photos of disassembled products, various test data (Cd, Hg, Pb, Cr6+, PBBs, PBDE, DEHP, BBP, DBP, DIBP) should be clearly presented in the test report.
- **RoHS (XRF) Scan** - Nedis strictly enforces RoHS, Teco Asia Shenzhen office have a RoHS (XRF) scanner. Pre-production sample, shipment sample and every batch of goods will take RoHS scan in Shenzhen office, mainly focus on the 4 heavy metals, especially lead; shipment can only be happen when the scan result was a PASS.
- RoHS 是什么 - 该标准于 2006 年 7 月 1 日开始正式实施。目的在于限制使用电子电器产品中的铅, 汞, 镉, 六价铬, 多溴联苯和多溴联苯醚共 6 项物质, 并重点规定了铅的含量不能超过 1%。
- 2019.7.22->称之为 RoHS 2.0 (10 项), 修订指令 (EU) 2015/863 强制并补充 2011/65/EU 执行, 新增 4 项限制物质。
- RoHS 测试报告 - RoHS 涵盖的 Nedis 产品, 供应商必须提供 RoHS 产品测试报告。RoHS 物料清单整合报告或 RoHS 物料测试报告都不接受。
- **ROHS 2.0 测试 10 项目**: 列表如下
 1. 镉 (Cd) < 1000 ppm
 2. 铅 (Pb) < 100 ppm
 3. 汞 (Hg) < 1000 ppm
 4. 六价铬 (Cr6+) < 1000 ppm
 5. 多溴联苯 (PBB) < 1000 ppm
 6. 多溴二苯醚 (PBDE) < 1000 ppm
 7. 邻苯二甲酸(2-乙基己基)酯 (DEHP) < 1000 ppm
 8. 邻苯二甲酸丁酯苯甲酯 (BBP) < 1000 ppm
 9. 邻苯二甲酸二丁酯 (DBP) < 1000 ppm
 10. 邻苯二甲酸二异丁酯 (DIBP) < 1000 ppm
- **RoHS 测试报告内容** - Nedis 产品型号, 相关产品的拆解照片, 各项测试数据 (Cd, Hg, Pb, Cr6+, PBBs, PBDE, DEHP, BBP, DBP, DIBP) 应该清晰的呈现在测试报告中。
- **RoHS (XRF) 扫描** - Nedis 严格执行 RoHS, Teco Asia 深圳办公室设有 RoHS (XRF) 扫描仪, 产前样板, 船头样板和每批货都要抽样, 扫描重金属, 特别是铅, 证实合格才允许出货。

2.6 Dangerous goods Information 危险货品信息

- **Dangerous goods** - If the product is containing dangerous component or material such as battery, gas or liquid, supplier is required to provide the component or chemical two official certifications list below,
 1. (M)SDS – (Material) Safety Data Sheet
 2. Certification for the Safe Transport of Chemical Goods
 3. Battery Directive (Built-in battery)
- **Issued by** - The above three reports serve as the important part of the TCF which must be verified and issued by accreditation laboratory.
- **Valid date** – except the Battery Directive, the other two reports Nedis accepts one year within the issued date.
- **Periodic Update** - Supplier needs to update the two certificates on time and periodically.
- 危险货品 - 如产品内置危险部件或物料如电池, 气体或液体, 供应商须提供该部件或物料下列两份的官方证书,
 1. 材料安全性数据表
 2. 货物运输条件鉴定书
 3. 电池指令(内置电池)
- 签发 – 以上三项报告是 TCF 的重要组成部分, 必须由认可资质测试机构核实并签发。
- 有效期 – 除电池指令外, 其他两份报告, Nedis 只接受签发一年内有效。
- 报告更新周期 - 供应商要按时周期性更新该两份证书。

2.7 REACH

- **What is REACH** - REACH is an EU directive other than CE that applies to all EU countries, which is applicable to all Nedis products.
- **Substances of Very High Concern (SVHC)** - A list of Substances of Very High Concern (SVHC) is listed in the REACH Regulation.
- **The SVHC List** – The SVHC list is the European Chemical Agency (ECHA) for substances that may be carcinogenic, mutagenic and reproductively toxic (collectively referred to as CMR substances), or persistent, bioaccumulative toxic substances (collectively referred to as PBT substances), and high persistence And substances with high bioaccumulation (collectively referred to as vPvB), after review and evaluation, select the most hazardous substance, called Substances of Very High Concern (SVHC).
- **SVHC Restricted Content** - REACH limits each product containing such substances (SVHC) to a concentration of no more than 0.1% by weight.
- **REACH 是什么** - REACH 是 CE 以外的一项欧盟指令, 适用于所有欧盟国家, 适用于全部 Nedis 产品。
- **高度关注物质 SVHC** - REACH 法规中列出高度关注物质 (Substances of Very High Concern, SVHC) 清单。
- **SVHC 列表** - SVHC 列表是欧洲化学署 (ECHA) 针对可能致癌, 致突变及具有生殖毒性的物质 (统称 CMR 物质), 或者具有持久性, 生物累积性之毒性物质 (统称 PBT 物质), 以及高持久性及高生物累积性之物质 (统称 vPvB) 物质, 经审核及评估后, 从中挑选危害性最高之物质, 称为高度关注物质 (SVHC)。
- **SVHC 限制含量** - REACH 限制所有产品含有这类物质 (SVHC 浓度应不高于 0.1% (重量百分比))。

- **Update of SVHC Quantity**- The SVHC list is updated once half a year to add more substances of concern.
Jan 2021 was 211 SVHC
Jul 2021 was 219 SVHC
Jan 2022 was 223 SVHC
- **REACH Test Report** - For all Nedis products, the supplier must provide a product REACH test report. REACH material test report usually won't be considered.
- **REACH Acceptance Standard** - For NPI product and or existing product, the REACH test report should be within 1 year and 211 SVHC or the above.
- **REACH test report content** - Nedis article, photos of disassembled products, and each test data should be clearly presented in the report.
- **Test Report Periodic Update** - Suppliers need to update REACH test reports on time and periodically.
- **SVHC 数量更新**- SVHC 清单半年一更新, 加入更多关注物质。
Jan 2021 为 211 SVHC
Jul 2021 为 219 SVHC
Jan 2022 为 223 SVHC
- **REACH 测试报告** -所有 Nedis 产品, 供应商必须提供 REACH 产品测试报告。一般不接受 REACH 物料测试报告。
- **REACH 接受标准** - 新导入产品和现有产品返单, 最低可接受接受一年内且 211 项 SVHC 及以上的报告。
- **REACH 测试报告内容** - Nedis 产品型号, 相关产品的拆解照片, 各项测试数据应该清晰的呈现在报告中。
- **报告周期更新** - 供应商要按时周期性更新 REACH 测试报告。

2.8 Licensing Program and Certifications 许可计划和认证

- **Licensing Program and Certifications** - like Made for iPhone (MFi), DAB Radio (Philips License), Bluetooth (BQB License), Qualcomm Quick Charge (QC3.0) and Wireless Charging (Qi), It is the responsibility of the Supplier to make sure the official certification is granted.
The relevant supporting documents should be provided to Compliance Team before Pre-Shipment Inspection.
- **HDMI Certification** - Supplier must be the member of HDMI Forum and can be seen in below official site.
<https://www.hdmi.org/adopter/adoptersaffiliates>
Supplier factory needs to be HDMI ATC certified and certificate to be provided.
HDMI 2.0 (4K) and 2.1 (8K) product, in case ATC certificate is not available, eye pattern test report is required.
- **许可计划和认证** - 如 Made for iPhone (MFi), DAB Radio (飞利浦许可证), 蓝牙(BQB 许可证), Qualcomm 快速充电(QC3.0)和无线充电(QI), 这是供应商责任确保已经获得授予官方认证。
相关的证明文件必须在出货检验之前提供给合规组。
- **HDMI 认证** - 供应商必须是 HDMI 论坛的成员, 在下面官网可以查到。
<https://www.hdmi.org/adopter/adoptersaffiliates>
供应商工厂需要通过 HDMI ATC 认证并提供证书。
HDMI 2.0 (4K) 和 2.1 (8K) 产品, 如果没有 ATC 证书, 需要眼图测试报告。

III. Test Report Requirements 测试报告要求

3.1 Content of Test Report 测试报告内容

- **Supplier Article Code** - Supplier article code must be shown on: All test reports 2. In Nedis system 3. DoPI. (Compliance officer will ask supplier to sign DoPI before test report check). Suppliers need to ensure the header/ manufacturer information/ product model of the test report needs to be consistent with the signed PO and DoPI.
- **Third parties laboratory Test Report** - Nedis requests all products to undergo accredited laboratory test to demonstrate compliance with the latest EU safety and environmental standards; pass the test and obtain test report.
- **Compliance with all EU regulations** - This is the supplier's responsibility to ensure that every EU regulation related to the product is tested by laboratory, obtains the test report, and submits all reports to the Compliance Team.
- **Laboratory Accreditation** – All test reports must be tested and issued by ILAC (International Laboratory Accreditation Cooperation) or CNAS accredited laboratories.
 - The test lab should have individual CNAS accreditation for each test item.
 - Teco Asia's cooperative testing lab** include HCT, AGC, Eurofins.
 - We also recommend using international companies: SGS, BV, ITS, BACL, Nemko, TUV.
 - Some large labs in China: NTEK, CTI, EMTEK, and Pony are also acceptable.
 - Other China labs, the test report** must be the most recent (within 1 year), the test standards are correct, the EUT and CDF key parts are identical to the product, the test data, the pictures are complete, and there are no discrepancies before they will be considered for acceptance.
- **供应商产品代码**-供应商产品型号必须显示在: 1. 所有测试报告 2. 在 Nedis 系统中 3. DoPI (合规专员会要求供应商在检查测试报告前签署 DoPI). 供应商要确保测试报告的抬头/制造商信息/产品型号需要跟回签的 PO 以及 DoPI 保持一致。
- **第三方测试机构测试报告**- Nedis 要求所有产品都经过认可的测试机构测试, 以证明符合欧盟最新的各项安全和环保标准要求, 通过并取得测试报告。
- **符合全部欧盟法规** - 这是供应商责任, 确保产品所属每一项欧盟法规都经过测试机构 测试, 取得测试报告, 并把全部报告提交合规组。
- **测试机构资质** - 所有报告必须由 ILAC (国际测试机构 认可合作组织) 或 CNAS (中国国家合格评定委员会) 认定测试机构 进行测试和发出。
 - 测试机构对于每个测试项目都应该具备独立的 CNAS 资质。
 - Teco Asia 合作测试机构**有 HCT(虹彩), AGC(鑫宇环), Eurofins(欧陆)。
 - 我们也推荐使用国际公司: SGS, BV, ITS, BACL, Nemko, TUV。
 - 一些国内大机构:北测, 华测, 信测, 谱尼也能接受。
 - 其他国内测试机构报告**, 必须是最近期(1 年内), 测试标准正确, EUT 和 CDF 关键件跟产品符合, 测试数据, 图片齐全, 没有任何不符点, 才会考虑接受。

To confirm whether the test lab is CNAS, you can check on the CNAS website. You can also ask the test lab to add the CNAS logo on the cover page of the report. If it fails, this organization is definitely not acceptable.

确认测试机构是否 CNAS, 可以到 CNAS 网站查询. 亦可以要求测试机构在 报告封面加上 CNAS logo, 如果做不到, 这家机构肯定是不能接受的。

- **Age of test report** - All test reports must be issued within two years (LVD, EMC, ErP, RED, LFGB, RoHS, Battery Directive, UN38.3, IEC62133, POPs, Sound Pressure).
For some private labels (like Aldi, AS Watson) accepts within one year.
REACH, MSDS must be within 1 year.
 - **Test Cost** - Nedis won't contribute to any part of the cost about laboratory test.
 - **Why accept only Test Report** but not Self-Declaration - To provide transparent, efficient and proactive TCF, Nedis accepts accredited laboratory test report only; test certificate or supplier self-declaration (DoC) won't be considered!
 - **Material test reports** - RoHS and REACH material separate test reports or material consolidate laboratory testy report don't accept for now, only product test reports are accepted.
 - **Test Reports Submit Timeline** - Full set of test reports of a new product should be submitted before order placed or before the 20th days of the PO date the latest. Certain reports that are undergoing test, and granted Compliance Team confirmation in written that does not affect other safety regulations of the product, accept to be submitted 2 weeks before before inspection.
 - **Definition of test report completion** – Completion means the Compliance Team received the full set of test report, and confirmed in written the acceptance of the entire reports.
 - **Consequences of incomplete test report** - it is not recommend to start mass production, Teco Asia won't arrange pre-shipment inspection and shipment until entire test reports are confirmed and accepted.
- **测试报告年份** - 所有测试报告必须在两年内 (LVD, EMC, ErP, RED, LFGB, RoHS, 电池指令, UN38.3, IEC62133, POPs, Sound Pressure)。
对于一些客户品牌 (如 Aldi, AS Watson) 只接受一年。
REACH, MSDS 必须在 1 年内。
 - **测试费用**- Nedis 不会承担任何部份的产品测试费用。
 - **为什么只接受测试报告**而不是自我宣告 - 为了提供透明, 有效和实用性的合规 TCF, Nedis 只接受认定检测机构之测试报告; 测试证书或供应商自我宣告(DoC)不被接受。
 - **物料测试报告** - RoHS 和 REACH 物料分项测试报告, 或物料整合检测机构测试报告已不被接受, 只接受产品测试报告。
 - **测试报告提交时间** - 新产品的整套测试报告应在下订单之前或最迟在 PO 日期的第 20 日之前提交。个别报告正在进行测试, 如合规组书面确认不影响产品其他合规, 可接受 PO 验货前 2 星期前提交。
 - **测试报告提交完成的定义** - 合规组收到整套测试报告, 书面确认全部接受为止。
 - **不完整测试报告**的后果 - 不建议供应商开始批量生产。Teco Asia 不会安排出货前验货和出货, 直至整套测试报告完整提交。

3.2 Content of Test Report 测试报告内容

- **Test standards in test reports** - Test standards in all the reports must be correct, valid and up-to-date.
- **Sample under test (EUT)** – On all test reports, the sample under test (EUT) must be the Nedis article; or the product construction and circuitry design are 100% applicable to the Nedis article.
- **Product Master Information** - The relevant product article number, the list of critical components CDF (materials, electronics and machinery), internal appearance and product test setup photos, test data, test charts, etc. must be clearly reflected in the report.
- **Essential test standards and items** - All the essential test standards and items must be fully evaluated, tested and the test result should be recorded in the test report.
- **Nedis article wasn't the EUT** - Only series reports from TUV/ SGS/ BV/ ITS/ Eurofins/ DEKRA/ HCT/ AGC are accepted, and the EUT reports of other test labs must be Nedis products. Because many test labs do not conduct the product difference assessment, they accept the supplier's declaration directly, and then claim that they are completely the same except for the outer shell.
- **EUT has same appearance but different circuitry** - In case Nedis article has the same appearance as the EUT but PCBA design (layout, circuitry, critical components) weren't the same, it still treat as a different product a proper test report or a new test is required.
- **Product Accessories** - Accessories like AC/DC adaptor, cables, remote control, dry batteries, metal holder, nylon bags etc. should also be evaluated on relevant test reports, if any accessory didn't mention on relevant test report, for example LVD/EMC/RoHS/REACH, an individual test report for the accessory is needed.
- **测试报告标准**- 所有测试报告必须准确适用对应产品, 测试标准必须准确最新和有效。
- **实测样品(EUT)** – 所有测试报告中的实测样品(EUT), 必须是 Nedis 产品型号, 或者所评估测试的产品结构与电路设计是 100%适用于 Nedis 产品型号。
- **产品关键信息** - 报告中相关产品型号, 关键件清单 CDF (材料, 电子以及机械), 内外观及产品测试设置照片, 测试数据, 测试图表等必须在报告中清楚体现。
- **必要测试项目和标准** – 所有必要测试项目和标准必须被完全评估和测试, 测试结果必须被真实的记录在测试报告中。
- **Nedis 产品不是报告中 EUT** - 只接受 TUV/ SGS/ BV/ ITS/ Eurofins/ DEKRA/ HCT/ AGC 的系列报告, 其余机构的报告 EUT 必须是 Nedis 的产品。因为很多机构都是不做产品差异评估, 直接接受工厂保函, 然后宣称除了外壳之外, 其余完全一致。
- **EUT 和 Nedis 产品同外观不同电路** - Nedis 产品与报告中实测产品有相同外观的情况,但是 PCBA 设计(电路走线布局, 电路,关键零部件)不一致, 任会被视为不同产品, 正确的报告或新的测试会被要求。
- **产品配件** - 配件如电源适配器, 线材, 遥控器, 电池, 支架, 尼龙袋等, 都应该被评估测试在报告中, 如果配件没有被评估在报告, 例如 LVD/EMC/RoHS/ REACH, 单独针对配件的测试报告是必要的。

- **Supplier update test report activity** – When EU updates any standard or regulation which affect the acceptability of a test report, it is the responsibility of the supplier to update the test report to the latest standards and regulations and submit it to the Compliance Team in a timely manner.
- **Change of product circuitry or major accessories** – When the product compliance is completed and relevant TCF is closed, any change of product design (like circuitry) or major accessories (like AC/DC adapter), will be treated as to create a new Nedis article which Nedis won't accept. Supplier can only notify Nedis PM and the Order Coordinator the detail of the new product plan in advance, at this case all outstanding orders will be put on hold, no inspection and shipments will be arranged.

The new product plan (new Nedis article) has to go through the new product introduction (NPI) process again,

- Create a new TCF,
- New compliance test report verification
- Pre-production sample check,
- Shipment sample check
- TCF is signed off and closed
- Arrange for inspection and shipment

Thus, the supplier is responsible for any consequences of shipment delay.

- **Change of product minor design or accessories** - if the supplier changed the minor design of the product (like plastic parts) or minor accessories (like cable) thus affects the acceptance of certain test report (like RoHS/REACH), the Compliance Team will put all outstanding orders on hold; and ask the supplier to update the test report to the latest standards and regulations. Inspection and shipment will only be happen until the update report is received and confirmed, as well as TCF is signed and closed by Q-Nedis. Thus, the supplier is responsible for any consequences of shipment delay.

- **供应商主动更新报告** – 当欧盟更新任何标准或法规而影响某测试报告的认受性, 供应商有责任更新该测试报告到最新的标准和法规并及时提交安规组。

- **更改产品电路设计或主要配件** – 当产品完成安规确认, 相关 TCF 已关闭, 任何更改产品设计(如电路)或主要配件(如电源适配器), 等于创建新一个 Nedis 产品, Nedis 是不接受的。唯一途径是供应商要预先通知 Nedis PM 和订单组更改细节, 冻结所有手头上订单, 期间不会安排验货出货。

供应商更改方案(新 Nedis 型号)要重走新产品导入,

- 创建新 TCF,
- 新的安规测试报告核查
- 产前样品检测,
- 船头样品检测
- TCF 关闭
- 安排验货出货

因此推迟出货所产生任何后果由供应商负责。

- **更改产品次要设计或次要配件** - 如果供应商要更换产品的次要设计(如塑料件)或配件(如连接线), 而影响任何测试报告(如 RoHS/REACH)的认受性, 安规组会冻结所有手头上订单, 并要求供应商更新该测试报告到最新的标准和法规, 待收到更新报告并确认, 直至 Q-Nedis 接受及关闭 TCF, 才会解冻安排订单验货出货。因此推迟出货所产生任何后果由供应商负责。

- **Constant check of product circuitry and accessory** – Whilst inspection, Teco Asia inspection team will check all critical components, circuitry and accessories, in case any discrepancies is found, the whole batch will be judged as REJECT. Supplier is requested to rework and revert back to the original design or accessory. Thus, the supplier is responsible for any consequences of shipment delay.
- **产品设计, 电路和配件的恒常确认** – Teco Asia 验货团队会在每一批验货都会核对全部关键组件, 电路, 配件等, 若有任何改动都会判整批货为 REJECT。要返工回复原来设计, 重验合格才出货。因此推迟出货所产生任何后果由供应商负责。

3.3 New Test 新测试

- **New Test** - When supplier need to conduct new lab tests for Nedis products, to save time and avoid unnecessary expenses, it is recommended to have a full discussion with the TeCo Asia Compliance Team prior to testing to achieve a consensus on the test plan and test criteria, before kicking off the test.
- **新测试** - 当供应商需要为 Nedis 产品进行新测试,为节约时间和避免不必要费用, 建议在测试前与 TeCo Asia 合规组进行充分的讨论, 以取得在测试方案以及测试标准达成共识。
- **Test time control** - Test opening process such as quotation, open case application, sample delivery, test standards, test reports issuing method, etc. are the work of supplier and laboratories. TeCo Asia do not participate.
- **测试时间管控** - 测试开案过程如报价, 申请开案, 送样, 定测试标准, 出报告方式等是供应商跟实验室的工作, TeCo Asia 不会参与。
- **Test fail correction** - Supplier take the initiative to follow up on rectification and retesting. TeCo Asia only assist and do not participate directly.
- **测试不合格整改** - 供应商要主动跟进整改送样重测, TeCo Asia 只提供意见,不会直接参与。
- **Responsibility** - The supplier is responsible for the consequences of delaying shipment due to testing issues.
- **责任** - 因测试问题推迟出货所产生后果由供应商负责。
- **Issue new test report** - In principle, two reports are required,
 1. The first report issued NEDIS company head and NEDIS article number
 2. The 2nd report issued supplier company head and article number(Except for international testing laboratories, the cost for two reports from China laboratories is very low and even at free).
- **新测试报告签发** - 原则上要求出两份报告,
 1. 首份报告出具 NEDIS 公司抬头和 NEDIS 的产品型号
 2. 次份报告出具供应商抬头和产品型号(除某些国际测试机构, 一般国内实验室出两份报告的费用很低以至免费)。

In the event that is impossible to issue test report under Nedis name and article number, report under supplier name and article number is considered as conditional accepted.

在确实无法实现情况下才接受供应商名称和供应商产品号的报告。

IV. Compliance major check 合规主要检查

- **AC power plug** - Must be engraved with manufacturer name and product code. Must be engraved with VDE (BS for UK) safety certification mark. Relevant VDE 0620/ BS1363 certificate must be provided. Nice to have all safety certification marks like KEMA, NF, N, S, FI. No certificate is required for additional marking.
- **AC power cable and connector** - Must be engraved with manufacturer name, product code. Must be EN safety certified (VDE) and relevant VDE certificate must be provided.
- **Product with adapter** – is required to provide LVD product + adapter or RED-Safety product + adapter report. Individual adaptor LVD, EMC, ErP, RoHS and REACH test report, and power plug VDE 0620/EN50075 evaluation report are also to be provided.
- **GPSD** - The product is not within the scope of the LVD, but there is still a safety hazard that requires GPSD test report. For example, the products use car cigarette adapter, power banks products and battery operated products.
- **EMC** - Most of household appliances, IT/AV equipment and consumer electronics products are applicable. Cable and or connector product built-in IC/ Chipset, EMC is applicable.
- **Wireless accessories like remote control and sensor** - must be included and evaluated in the product test report, especially LVD, EMC or RED-Safety, EMC, RF etc.. Remote control photos must be shown on all the test reports clearly. In case product test report didn't include remote control, the minimal we can accept: Radio frequency (RF) remote control, individual RED test report is required. Infrared (IR) remote control, EMC report is required.
- **电源线插头** - 必须标上制造商名称和产品型号。必须刻有 VDE (英国 BS) 安全认证标志。必须提供相关的 VDE 0620/BS1363 证书。如果标上更多安全认证标志如 KEMA, NF, N, S, FI 更好, 附加标志不需要证书。
- **电源线和连接器** - 必须标上制造商名称和产品型号。必须通过欧盟安全认证(VDE), 并且必须提供相关 VDE 证书。
产品带适配器 - 必须提供 LVD 产品 + 适配器 或 RED-Safety + 适配器报告。独立适配器 LVD, EMC, ErP, RoHS, 和 REACH 报告, 和电源插头 VDE 0620/ EN50075 的评估报告。
- **GPSD** - 产品不在 LVD 范围内, 但仍有安全隐患, 需要 GPSD 报告。例如产品使用汽车点烟器, 移动电源产品, 电池供电的产品。
- **EMC** - 大多数家用电器、IT/AV 设备和消费电子产品都适用。线材和连接器产品内置 IC/芯片组产品, EMC 适用。
- **遥控器和传感器等无线配件** - 必须包含在产品测试报告中并进行评估, 尤其是 LVD, EMC 或 RED-Safety, EMC, RF 等。遥控器照片必须清楚地显示在所有测试报告上。如果产品测试报告不包括遥控器, 我们可以接受的最低限度:
 - 射频(RF) 遥控器, 需要单独的 RED 测试报告。
 - 红外(IR) 遥控, 需要 EMC 报告。

- **ErP** - Most of household appliances, IT/AV equipment and consumer electronics product are applicable.
For AC 230V product like fan or oven, equipped with mechanical mains on/off switch, If the switch is on the primary side and cuts off the power completely then Erp is not applicable.
- **RED (Safety + EMC + RF + Health)** - All wireless equipment like Bluetooth, Radio and Wi-Fi products fall within the scope of the RED Directive. Full set of test report (RED - Safety, EMC, RF, Health) must be done by the same lab. Separate test report from different labs would not be accepted.
The RED test reports must be tested in harmonized OJ and or the most update draft standards.
- **Lighting ErP EU 2019/2015** - Lighting Lamp products are required to provide test report. Suppliers need to provide the correct technical data as early as possible in order to create Energy Label on giftbox.
Lighting products are energy label exempt, ErP test report is still required to prove that the product is exempt.
- **LED Photobiological Safety** - LED lamps must provide EN 62471/ IEC62778 test reports. Product has single LED lamp also need EN62471
- **REACH** - The REACH test must be divided into at least one group of metals and one group of non-metals.
- **Food Contact (FCMs) LFGB (1935/2004, EU10/2011)** - Product materials that are intended to be in contact with food (home appliances). Food Contact test is extreme professional that must be conducted by A labs, accepts only test report from TUV/ SGS/ BV/ ITS/ Eurofins/ DEKRA/ HCT/AGC.
Bill of material (BOM) and or explored diagram need to be provided for compliance office to analyze which parts require LFGB.
- **ErP** - 大多数家用电器、IT/AV 设备和消费电子产品都适用。
对于 AC230V 产品, 如风扇或烤箱, 配备机械电源开关, 如果开关在初级完全切断电源, 则 Erp 不适用。
- **RED (Safety + EMC + RF + Health)** - 蓝牙, 无线和 Wi-Fi 产品等所有无线设备都属于 RED 指令的范围。
全套测试报告 (RED-Safety, EMC, RF, Health) 必须由同一实验室完成。
不接受来自不同实验室的单独测试报告。
RED 测试报告必须用协调标准或最新的草案标准进行测试。
- **灯具 ErP EU 2019/2015** - 灯具产品需提供测试报告。
供应商需要尽早提供正确的技术数据, 以在彩盒上制作能源标签。
照明产品豁免能源标签的, 仍需要 ErP 测试报告来证明该产品是豁免的。
LED 光生物危害 - LED 灯具必须提供 EN62471/ IEC62778 测试报告。产品有单颗 LED 灯也需要 EN62471。
- **REACH** - 测试至少拆分成一组金属, 一组非金属。
- **食品接触** - 产品材料会接触食品 (家电)。
食品接触测试非常专业, 必须由 A 级实验室进行, 只接受 TUV/ SGS/ BV/ ITS/ Eurofins/ DEKRA/ HCT/ AGC 报告。
供应商需要提供物料清单 (BOM) 和/或爆炸图, 让合规专员用以分析哪些部件需要 LFGB。

- **POPs 持久性有机污染物** - Phthalates PAEs 邻苯 + PAHs 多环芳香烃 + SCCP 短链氯化石蜡
The product has PVC or soft plastic in contact with human skin for a long time, relevant test reports are required.
- **Nickle Release REACH ANNEX XVII** - The product surface or shell has long-term contact with human skin (watches) needs to provide test report.
- **Product built-in lithium battery** - need to provide full set of test report (UN38.3, battery directive IEC62133, MSDS, shipping certificate, air shipment certificate).
UN38.3 report must be revision 7 amendment 1 of tests and criteria, revision 6 is no more acceptable
- **(M)SDS** - Product contains chemicals, chemical compounds, chemical mixtures, liquid, fragrance and gas (M)SDS is required.
There are battery/ batteries included inside product or package, battery (M)SDS is required.
- **IPXX** - The first X is the dustproof level; the second X is the waterproof level.
Except 0 class, all other 1,2,3,4,5,6,7,8 IP classes rating, test report must be provided otherwise cannot be shown on Nedis packaging.
- **Sound pressure requirements** – applicable for headphones, earphones and TWS
-Sound pressure, limit range: 93 +/- 3db@1KHz
-Channel difference, Left to Right \leq +/- 3db@1KHz

Suppliers need to provide test report to prove products are within the limit.
QC will check the sound pressure whilst pre-shipment inspection.
- **EN71-Child Appealing and REACH ANNEX 17** - The product designed or intended (whether deliberately or not) for children; has potential game value, is attractive to children, the manufacturer did not deliberately avoid products that appeal to children when introducing additional features all regarded as toys and require test report.
- **POPs 持久性有机污染物** - Phthalates PAEs 邻苯 + PAHs 多环芳香烃 + SCCP 短链氯化石蜡
产品有 PVC 或软塑料与人体皮肤长期接触，需要相关检测报告。
- **镍释放 REACH ANNEX XVII** - 产品表面或外壳长期接触人体皮肤的金属(手表) 需提供测试报告。
- **产品内置锂电池** - 需提供全套测试报告 (UN38.3, IEC62133, 锂电池 MSDS, 电池指令, 船运证书, 空运证书)。
UN38.3 报告必须是修订版 7 的测试和标准, 修订版 6 不再被接受。
- **(M)SDS** - 产品含有化学品,化合物, 化学混合物, 液体, 香料, 气体, (M)SDS 是必需的。
产品内或包装内有电池, 电池(M)SDS 是必须的。
- **IPXX** - 第一个 X 是防尘级别, 第二个 X 是防水级别。
除 0 类外, 1,2,3,4,5,6,7,8 级别必须提供 IP 级别测试报告, 否则不可以显示在 Nedis 包装上。
- **声压要求** - 适用于耳机、耳机和 TWS
-声压, 极限范围: 93 +/- 3db @1KHz
-通道差异,从左到右 \leq +/- 3db@1KHz

供应商需要提供测试报告以证明产品在限制范围内。
QC 将在验货时检查声压。
- **EN71-儿童导向和 REACH ANNEX 17** - 设计或打算 (无论是否刻意) 供 14 岁以下儿童玩耍的产品, 具有潜在游戏价值, 对儿童有吸引力, 制造商在引入附加功能时没有刻意避免吸引儿童的产品都视为玩具. 需要报告。

- **Floodlight** - Product must have:
 - Product at least IP65 for outdoor use
 - Plug IP44
 - Power cable minimal spec : H07RN-F, 3 x 1 mm²
 - The ground must be of same material of housing to prevent of any electric corrosion.
 - In case the housing of the lamp is able to open make sure the electrical resistance is less than 0,5 Ohm between the closed lid and the cabinet.
 - The use of detachable power cable, the installation method must be shown in user manual.
- **EN 61010-1** - Electrical equipment for measurement, control, and laboratory use like multi-meter, scope, signal generator requires EN 61010-1.
- **DS 60884-2** - When the products are equipped with Schuko plug (CEE7/7 type F) or French plug (CEE 7/6 type E) or Schuko Socket (CEE 7/3) or French Socket (CEE 7/5), and the products are confirmed to be sold to Danish market, supplier needs to provide DS 60884-2 test report.
- **泛光灯** - 产品必须具有:
 - 产品至少 IP65 供室外使用。
 - 插头 IP44。
 - 电源线最小规格 H07RN-F, 3 x 1 mm²。
 - 接地必须与外壳材料相同, 以防止任何电腐蚀。
 - 如果灯的外壳能够打开, 确保关闭的盖子和橱柜之间的电阻小于 0.5 欧姆。
 - 使用可拆卸电源线, 安装方法必须在用户手册中注明。
- **EN 61010-1** - 用于测量, 控制和实验室使用的电气设备, 如万用表, 示波器, 信号发生器需要 EN61010-1。
- **DS 60884-2** - 当产品配备 Schuko 插头(CEE7/7 F 型) 或法式插头(CEE 7/6 E 型) 或 Schuko 插座(CEE 7/3)或法式插座(CEE 7/5), 并确认产品要销往丹麦市场, 供应商需要提供 DS 60884-2 测试报告。

V. Reference Material 参考资料

5.1 Reference Material 参考资料

- **Teco Asia Contact Window - Compliance team**
Ben Hu, 0755-88251855-689,
ben.hu@tecoasia.com
- **Consultant Testing Laboratory**
 - ◇ **TUV Rheinland**
Tim Xie, 18938271898
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 - ◇ **SGS**
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 - ◇ **Intertek (ITS)**
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 - ◇ **HCT**
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 - ◇ **NTEK**
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 - ◇ **AGC**
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 - ◇ **HQTS**
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- **Teco Asia 联络窗口 - 合规组**
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- **咨询测试机构**
 - ◇ **德国莱茵**
Tim Xie, 18938271898
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 - ◇ **通标标准技术服务**
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5.2 Reference Testing Accredited Laboratories 参考 认可测试机构

| No. | Name of Test Laboratories | Location | Reputation | CE Test | | | | Chemical Test | |
|---|---------------------------|------------------------|------------|---|------|------|------|---------------|--|
| | | | | Safety | EMC | RF | RoHS | REACH | |
| 1 | BSI 英国标准协会 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 2 | BV 必维国际检验集团 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 3 | Dekra 德国机动车监督会 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 4 | Intertek (ITS) | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 5 | NEMKO | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | N.A. | |
| 6 | SGS 通标标准技术服务 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 7 | TUV Rhineland 德国莱茵 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 8 | TUV SUD 南德意志 | Worldwide/Shenzhen | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 9 | CERPASS 台湾世腾, 东莞世鸿, 苏州世麒 | Taiwan/Dongguan/Suzhou | ☆☆☆☆☆ | ✓ | ✓ | ✓ | N.A. | N.A. | |
| 10 | STC 香港标准及检定中心 | Hong Kong/Dongguan | ☆☆☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 11 | PONY 谱尼测试 | Shenzhen | ☆☆☆ | N.A. | N.A. | N.A. | ✓ | ✓ | |
| 12 | BTL 信宝电子产品检测 | Dongguan | ☆☆☆ | ✓ | ✓ | ✓ | N.A. | N.A. | |
| 13 | CCIC 中国检验认证 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 14 | CEPREI 赛宝 | Guangzhou | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 15 | HCT 虹彩 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 15 | CTI 华测检测 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 16 | CVC 威凯 | Guangzhou | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | N.A. | |
| 17 | FGTEST 方广检验检测 | Tianjin/Guangzhou | ☆☆☆ | ✓ | ✓ | N.A. | N.A. | N.A. | |
| 18 | GRGTEST 广电计量检测 | Guangzhou | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 19 | HUATONGWEI 华通威检验 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 21 | AGC 鑫宇环检测 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 22 | AUDIX 信华科技 | Shenzhen | ☆☆☆ | ✓ | ✓ | N.A. | N.A. | N.A. | |
| 23 | EMTEK 信测 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 24 | Eurofins 欧陆科技集团 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 25 | NTEK 北测检测技术 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 26 | CTL 华检检测技术 | Shenzhen | ☆☆☆ | ✓ | ✓ | ✓ | ✓ | N.A. | |
| 27 | SMQ 深圳市计量检测 | Shenzhen | ☆☆☆ | Sub-Contracted to 3 rd parties lab | | | | | |
| International Accreditation Cooperation 国际实验室认证机构 | | | | | | | | | |
| ILAC - International Laboratory Accreditation Cooperation 国际实验室认证联盟 UKAS - United Kingdom Accreditation Service 英国验证服务局 CNAS - China National Accreditation Service for Conformity Assessment 中国国家合格评定委员会 TAF – Taiwan Accreditation Foundation 台湾财团法人全国认证基金会 HKAS - Hong Kong Accreditation Service 香港认可处 DAkks - Deutsche Akkreditierungsstelle GmbH 德国认证认可委员会 | | | | | | | | | |

The information contained in this documentation is subject to change without notice.