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**中国合格评定国家认可委员会**

**认 可 证 书 附 件**

**（注册号：CNAS L0139）**

名称: 上海天祥质量技术服务有限公司

地址：上海钦州北路1198号86号楼

认可依据：ISO/IEC 17025、EPA能源之星以及CNAS特定认可要求

签发日期：2015年11月26日 有效期至：2018年11月25日

附件4 认可的“能源之星”检测能力范围

| 序号 | 检测对象 | 项目/参数 | 检测标准（方法）名称及编号（含年号） | 限制范围 | 说明 |
| --- | --- | --- | --- | --- | --- |
| 序号 | 名称 |
| 1 | 音频/视频产品 | 1 | 自动进入待机时间测试 | 能源之星音频/视频产品要求(3.0)能源之星音频/视频产品测试方法 (Rev. 2012年7月)IEC 62301: 2005IEC 62301:2011 |  |  |
| 2 | 待机功率测试 |  |
| 3 | 光碟录播设备正常模式功率测试 |  |
| 4 | 空闲模式功率测试 |  |
| 1 | 音频/视频产品 | 5 | 放大效率测试 | 能源之星音频/视频产品要求(3.0)能源之星音频/视频产品测试方法 (Rev. 2012年7月)IEC 62301: 2005IEC 62301:2011 |  |  |
| 2 | 电话通讯设备 | 1 | 功耗 | 能源之星电话通讯设备要求(3.0)能源之星电话通讯设备测试方法（2013 11 月） |  |  |
| 3 | 计算机 | 1 | 功耗 | 能源之星计算机要求(5.2)能源之星计算机要求(6.1)能源之星计算机测试方法（2014 8 月）IEC 62623:2012EN 62623:2012 |  |  |
| 4 | 成像设备 | 1 | 功耗 | 能源之星成像设备要求(1.2)能源之星成像设备要求(2.0)能源之星成像设备测试方法（2014 9 月）IEC 62301，ED 1.0 |  |  |
| 5 | 显示器 | 1 | 功耗 | 能源之星显示器要求(5.1)（6.0）EN 50564:2011 |  |  |
| 6 | 家用电冰箱 | 1 | 耗电量 | 能源之星对家用电冰箱的要求版本 4.1 & 5.010 CFR 430, Subpart B, Appendix A1, B1,A, B |  |  |
| 7 | 除湿机 | 1 | 能效指数 | 能源之星对除湿机的要求版本 3.010 CFR Part 430, Appendix X, Subpart B |  |  |
| 8 | 家用热水器 -燃气和电气热水器 | 1 | 能效指数和第一小时出的热水量 | 能源之星对热水器的要求版本 2.0 10 CFR 430, Subpart B, Appendix E | 不测燃气类型的热水器 |  |
| 9 | 饮水机 | 1 | 待机功耗 | 能源之星对饮水机的要求版本 1.3 & 2.0EnERGY STAR Test method for water coolers (Rev. Oct 2010 & May 2013) |  |  |
| 10 | 商用电冰箱 | 1 | 耗电量 | 能源之星对商用电冰箱的要求版本 2.1ANSI/ASHRAE Standard 72-2005 |  |  |
| 11 | 商用制冰机 | 1 | 制冰量，能耗比和用水量 | 能源之星对商用制冰机的要求版本 2.0 AHRI Standard 810-200710 CFR Part 431 Subpart H |  |  |
| 12 | 冷藏饮料贩卖机 | 1 | 耗电量 | 能源之星对冷藏饮料贩卖机的要求版本 3.0 |  |  |
| 13 | 单元式和空气源热泵空调 | 1 | 制冷季节能效比 | 能源之星对单元式和空气源热泵空调的要求 版本4.1 能源之星对单元式和空气源热泵空调的要求 版本5.0 | 只测适用于风冷式空调:SEER 和SCOP 的测试; 水源空调: EER测试 |  |
| 2 | 制热季节能效比 |  |
| 3 | 能效比 |  |
| 14 | 服务器 | 1 | 全部参数 | 能源之星服务器要求(2.0) |  |  |
| 15 | 电视机 | 1 | 开机模式功率测试 | 能源之星电视机要求(6.1, 7.0)能源之星电视机测试方法 (Appendix H to Subpart B of 10 CFR § 430, CEA-2037-A)IEC 62301:2011IEC 62087:2011 |  |  |
| 2 | 被动待机模式功率测试 |  |
| 3 | 主动待机低模式的功率测试 |  |
| 15 | 电视机 | 4 | 亮度测试 | 能源之星电视机要求(6.1, 7.0)能源之星电视机测试方法 (Appendix H to Subpart B of 10 CFR § 430, CEA-2037-A)IEC 62301:2011IEC 62087:2011 |  |  |
| 5 | 下载获取模式测试 |  |
| 16 | 小型网络设备 | 1 | 功耗 | 能源之星小型网络设备要求（1.0）能源之星小型网络设备测试方法（2013年11月） |  |  |
| 17 | 数据中心存储设备 | 1 | 功耗 | 能源之星数据中心存储设备（1.0）能源之星数据中心存储设备测试方法（2013年8月） |  |  |

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**CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT**

**SCHEDULE OF ACCREDITATION CERTIFICATE**

**(Registration No. CNAS L0139)**

**NAME: Intertek Testing Services Ltd., Shanghai**

**ADDRESS:Building 86, No.1198, Qinzhou North Road, Shanghai, China**

Accreditation Criteria:ISO/IEC 17025, requirements of EPA ENERGY STAR® Program and relevant requirements of CNAS

**Date of Issue:2015-11-26 Date of Expiry:2018-11-25**

SCHEDULE 4 ACCREDITED ENERGY STAR TESTING SCOPE

| № | Test Object | Item/Parameter | Title, Code of Standard or Method  | Limitation  | Note |
| --- | --- | --- | --- | --- | --- |
| № | Item/ Parameter |
| 1 | Audio/ Video | 1 | Auto Power Down (APD) Requirements | ENERGY STAR Program Requirements for Audio/Video (Version 3.0)Energy Star Test Method for Audio/Video (Rev. Jul-2012)IEC 62301: 2005IEC 62301:2011 |  |  |
| 2 | Sleep Mode Requirements |  |
| 1 | Audio/ Video | 3 | Optical Disc Player On Mode Requirements | ENERGY STAR Program Requirements for Audio/Video (Version 3.0)Energy Star Test Method for Audio/Video (Rev. Jul-2012)IEC 62301: 2005IEC 62301:2011 |  |  |
| 4 | Idle State Requirements |  |
| 5 | Amplifier Efficiency Requirements |  |
| 2 | Telephony | 1 | Power Comsumption | ENERGY STAR ®Program Requirements for Telephony (Version 3.0)Energy Star Test Method for Telephony (Rev.Nov-2013) |  |  |
| 3 | Computer | 1 | Power Comsumption | ENERGY STAR ® Program Requirements for Computers(Version 5.2)（Version 6.1）Energy Star Test Method for Computers (Rev.August-2014)IEC 62623:2012EN 62623:2012 |  |  |
| 4 | Imaging Equipment | 1 | Power Comsumption | ENERGY STAR ® Program Requirements for Imaging Equipment(Version 1.2)（version 2.0）Energy Star Test Method for Imaging Equipment (Rev.Sep-2014) |  |  |
| 5 | Displays | 1 | All items | ENERGY STAR ®Program Requirements for Displays (Versions 5.1)（Version 6.0）EN 50564:2011 |  |  |
| 6 | Residential refrigerators or/and freezers | 1 | Energy consumption | ENERGY STAR Program Requirements Product Specification for Residential Refrigerators and Freezers version 4.1 & 5.0(10 CFR 430, Subpart B, Appendix A1, B1,A, B (Electronic Code of Federal Regulations) |  |  |
| 7 | Dehumidifiers | 1 | Energy factor | ENERGY STAR Program Requirements Product Specification for Dehumidifiers Eligibility Criteria Version 3.010 CFR Part 430, Appendix X, Subpart B (Electronic Code of Federal Regulations) |  |  |
| 8 | Residential water Heaters - Gas and electric units; FHR only for storage units, GPM only for instantaneous | 1 | Energy factor and first hour rating | ENERGY STAR Program Requirements Product Specification for Residential Water Heaters Version 2.0 10 CFR 430, Subpart B, Appendix E (Electronic Code of Federal Regulation) | Except gas type units |  |
| 9 | Water Coolers | 1 | Standby Energy Use | ENERGY STAR Program Requirements Product Specification for Water Coolers Version 1.3 & 2.0EnERGY STAR Test method for water coolers (Rev. Oct 2010 & May 2013) |  |  |
| 10 | Commercial refrigerators and freezers | 1 | Energy consumption | ENERGY STAR Program Requirements Product Specification for Commercial Refrigerators and Freezers version 2.1ANSI/ASHRAE Standard 72-2005, Method of Testing Commercial Refrigerators and Freezers |  |  |
| 11 | Commercial Ice Machines | 1 | Ice Harvest Rate, Energy Consumption Rate and Potable Water Use | ENERGY STAR Program Requirements Product Specification for Commercial Ice Machines Version 2.0 AHRI Standard 810-2007, Performance Rating of Automatic Commercial Ice Makers,10 CFR Part 431 Subpart H (Electronic Code of Federal Regulations) with the guidance included in Section 4.1 |  |  |
| 12 | Vending Machines | 1 | Energy consumption | ENERGY STAR Program Requirements Product Specification for Refrigerated Beverage Vending Machines Version 3.010 CFR 431， Subpart Q (Electronic Code of Federal Regulations)10 CFR 431.294 (Electronic Code of Federal Regulations) |  |  |
| 13 | Central ACs andAir-Source HeatPumps | 1 | SEER | ENERGY STARProgramRequirementsProductSpecification forAir Source HeatPump (ASHP) andCentral AirConditionerEquipmentVersion 4.1 ENERGY STARProgramRequirementsProductSpecification forAir Source HeatPump (ASHP) andCentral AirConditionerEquipmentVersion 5.0 | UnitaryAir-Conditioners(air-cooled):SEER andSCOP test;UnitaryAir-Conditioners(water-cooledandevaporative-cooled): EERtest |  |
| 2 | HSPF |  |
| 3 | EER |  |
| 14 | Computer Servers | 1 | All items | ENERGY STAR ®Program Requirements for Computer Servers (Versions 2.0) |  |  |
| 15 | Television | 1 | On Mode Requirements | ENERGY STAR Program Requirements for Television (Version 6.1)(Version 7.0) ENERGY STAR Test Method for Televisions (Appendix H to Subpart B of 10 CFR § 430, CEA-2037-A)IEC 62301:2011IEC 62087:2011 |  |  |
| 2 | Standby-Passive Mode Requirements |  |
| 3 | Standby-Active, Low Mode Requirements |  |
| 4 | Luminance Requirements |  |
| 5 | Download Acquisition Mode (DAM) Requirements |  |
| 16 | Small Network Equipment | 1 | Power Comsumption | ENERGY STAR Program Requirements for Small Network Equipment（Version 1.0）ENERGY STAR Program Requirements for Small Network Equipment Test Method（Nov-2013） |  |  |
| 17 | Data Center Storage | 1 | Power Comsumption | ENERGY STAR Program Requirements for Data Center Storage（Version 1.0）ENERGY STAR Program Requirements for Data Center Storage Test Method（Aug-2013） |  |  |