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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: 2005  IEC 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: 2005  IEC 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 62623:2012  EN 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 & 5.0  10 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 3.0  10 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 & 2.0  EnERGY 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 2.1  ANSI/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 810-2007  10 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 62301:2011  IEC 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 62301:2011  IEC 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: 2005  IEC 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: 2005  IEC 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 62623:2012  EN 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 3.0  10 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 & 2.0  EnERGY 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 2.1  ANSI/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 3.0  10 CFR 431， Subpart Q (Electronic Code of Federal Regulations)  10 CFR 431.294 (Electronic Code of Federal Regulations) |  |  |
| 13 | Central ACs and  Air-Source Heat  Pumps | 1 | SEER | ENERGY STAR  Program  Requirements  Product  Specification for  Air Source Heat  Pump (ASHP) and  Central Air  Conditioner  Equipment  Version 4.1 ENERGY STAR  Program  Requirements  Product  Specification for  Air Source Heat  Pump (ASHP) and  Central Air  Conditioner  Equipment  Version 5.0 | Unitary  Air-Condition  ers  (air-cooled):  SEER and  SCOP test;  Unitary  Air-Condition  ers  (water-cooled  and  evaporative-c  ooled): EER  test |  |
| 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 62301:2011  IEC 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） |  |  |