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Registration No. CNAS L0220

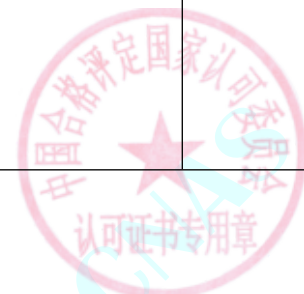
Accreditation Criteria: ISO/IEC 17025, requirements of EPA ENERGY STAR® Program and relevant requirements of CNAS

Date of Issue: 2017-12-14

Date of Expiry: 2023-07-09

SCHEDULE 6 ACCREDITED ENERGY STAR TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
1	Uninterruptible power systems		All Parameter	Uninterruptible power systems ENERGY STAR Program Requirements Product Specification for Uninterruptible Power Supplies Version 1.0	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
2	solar water heating system		All parameter	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 3	
		1	general requirement	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 3	
		2	Installed Capacitance Test	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 3	
		3	Heat Loss	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.4	



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№	Test Object	Item/Parameter		Standard or Method	Note
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		4	Warm-Up	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7:4	
		5	Nighttime Decay Tank Loss(ICS only)	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		6	Passive Collector Qualification Tests	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		7	Passive Collector Heat Loss Tests	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	



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№	Test Object	Item/Parameter		Standard or Method	Note
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		8	Passive Collector Warm-up Tests	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		9	Storage Tank Qualification	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		10	Storage Tank Pressure Integrity	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		11	Storage Tank Capacitance	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	



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№	Test Object	Item/Parameter		Standard or Method	Note
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		12	Storage Tank Heat Loss	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		13	Heat Exchanger Pressure Integrity	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		14	Heat Exchanger Pressure Drop	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	
		15	Heat Exchanger Performance	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015 7.6	



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№	Test Object	Item/Parameter		Standard or Method	Note
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		16	Minimum requirement	Operating Guidelines for Certifying Solar Water Heating Systems Solar Domestic Water Heating Component Test and Analysis Protocol Solar Thermal System Standard SRCC™ DOCUMENT OG300-2016-02 SRCC™ DOCUMENT TM-1-2016-03 ICC 900/SRCC 300-2015.7.6	
3	Ceiling Fans	1	Performance testing	ENERGY STAR Program Requirements Product Specification for Residential Ceiling Fans Version 3.0 ENERGY STAR Testing Facility Guidance Manual Version 1.2: Building a Testing Facility and Performing the Solid State Test Method for ENERGY STAR Qualified Ceiling Fans ENERGY STAR Program Requirements Product Specification for Residential Ceiling Fans Version 3.0 ENERGY STAR Testing Facility Guidance Manual Version 1.2 4	
4	Residential & Commercial Clothes Washers	1	Clothes container capacity	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.1	
		2	Measuring water and energy consumption values	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.2	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		3	Extra-Hot Wash	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.3	
		4	Hot Wash	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.4	
		5	Warm Wash	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.5	
		6	Cold Wash	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.6	
		7	Warm Rinse	Uniform Test Method for Measuring the Energy Consumption of Automatic and Semi-Automatic Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1 10 CFR 430, Subpart B, Appendix J1 10 CFR 430, Subpart B, Appendix J2 3.7	



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5	Clothes Dryers	1	Drum Capacity	Uniform Test Method for Measuring the Energy Consumption of Clothes Dryers ENERGY STAR Program Requirements Product Specification for Clothes Dryers Version 1.0 10 CFR 430, Subpart B, Appendix D2 3.1	
		2	Performance testing	Uniform Test Method for Measuring the Energy Consumption of Clothes Dryers ENERGY STAR Program Requirements Product Specification for Clothes Dryers Version 1.0 10 CFR 430, Subpart B, Appendix D2 3.2-3.5	
		3	Standby mode and off mode power	Uniform Test Method for Measuring the Energy Consumption of Clothes Dryers ENERGY STAR Program Requirements Product Specification for Clothes Dryers Version 1.0 10 CFR 430, Subpart B, Appendix D2 3.6	



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