



China



Energy Efficiency Policy Assessment for Residential Refrigerators




Comments:

Minimum Energy Performance Standards (MEPS)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|--|-------------------------------------|--------------|---|---|--|
| GB 4706.13-2014 Household and similar electrical appliances - Safety - Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers | Refrigeration, Refrigerator-Freezer | MEPS | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Development Completed - Pending Implementation |
| Content | Test Methodology | | Additional Notes/ References | | |
| | | | http://clasp.ngo/Tools/Tools/SL_Search/SL_SearchResults/SL%20Detail%20Page?m=6fd770cd-ffef-416f-9ba9-71db1ce6beef | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|---|-------------------|---|--|----------------------------------|
| CQC Mark Certification - Refrigerators | Refrigerator | Label Endorsement | Voluntray | CQC (China Quality Certification Center) | Entered into Force - No Activity |
| Content | Test Methodology | | Additional Notes/ References | | |
|  | Test Procedure GB/T 8059.1-1995 GB 12021.2-2008 GB 19606-2004 Associated Test Procedure ISO 7371:1995/Adm.1:1997 | | http://clasp.ngo/Tools/Tools/SL_Search/SL_SearchResults/SL%20Detail%20Page?m=541d140f-4f0a-4499-bb25-126af512fc13 | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|------------------------|--|-------------------|---|---|----------------------------------|
| CEL-020. Refrigerators | Residential Refrigerator | Label Comparative | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Entered into Force - No Activity |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB/T 8059.1-1995 GB 12021.2-2008 GB 19606-2004 ISO 7371:1995/Adm.1:1997 | | /SL_SearchResults/SL%20Detail%20Page?m=7 | | |



China



Energy Efficiency Policy Assessment for Residential Refrigerators



Monitoring Verification and Enforcement (MVE)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Environmentally Sound Management

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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China



Energy Efficiency Policy Assessment for Room Air Conditioners



Comments:


Minimum Energy Performances Standards (MEPS)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|----------------------|--------------|---|---------------------------|----------------------------------|
| GB 19576-2004 The minimum allowable values of the energy efficiency and energy efficiency grades for unitary air conditioners | Unitary RAC (Window) | MEPS | Mandatory | NDRC and AQSIQ | Entered into Force - No Activity |
| Content | Test Methodology | | Additional Notes/ References | | |
| | | | http://clasp.ngo/Tools/Tools/SL_Search/SL_SearchResults/SL%20Detail%20Page?m=e4cc210d-e204-495d-9fd1-735989874682 | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|--|------------------|-------------------|---|---------------------------|----------------------------------|
| CEL-033. Room Air Conditioner (Variable Speed) | Room AC | Label Comparative | Mandatory | NDRC and AQSIQ | Entered into force - No activity |
| Content | Test Methodology | | Additional Notes/ References | | |
| | | | http://clasp.ngo/Tools/Tools/SL_Search/SL_SearchResults/SL%20Detail%20Page?m=f818e883-ec27-4306-9741-a07ca0cf32a9 | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|------------------|-------------------|---|---------------------------|----------------------------------|
| CQC31-439122-2010. CQC Mark Certification - Room AC | Room AC | Label endorsement | Voluntary | CQC | Entered into Force - No Activity |
| Content | Test Methodology | | Additional Notes/ References | | |
|  | | | http://clasp.ngo/Tools/Tools/SL_Search/SL_SearchResults/SL%20Detail%20Page?m=65068dfa-73a7-40fb-9823-a719a984ef00 | | |



China



Energy Efficiency Policy Assessment for Room Air Conditioners



Monitoring Verification and Enforcement (MVE)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Environmentally Sound Management

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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China



Energy Efficiency Policy Assessment for Electrical Motors




Comments:


Minimum Energy Performances Standards (MEPS)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|--|--------------|--|---|-------------------|
| GB 18613-2012 Minimum allowable values of energy efficiency and the energy efficiency grades for small and medium three-phase asynchronous motors | Small/Medium 3-phase General Purpose | MEPS | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2012 |
| Content | Test Methodology | | Additional Notes/ References | | |
| IE2 mandatory since 01.09.2012 | GB/T 1032-2005 GB 755-2008 GB 18613-2012 | | Applies to general purpose electric motors or general purpose anti explosion electric motors with the following characteristics: three-phase AC, with voltage lower than 1000V and frequency of 50Hz; rated power between 0.75kW-375kW; number of poles of 2, 4, and 6; single-speed closed self-fan cooling,, N design. | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|--|-------------------|--|---|-------------------|
| CEL-007. Small & Medium Three-phase Asynchronous Motors | Small/Medium 3-Phase General Purpose | Label Comparative | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2008 |
| Content | Test Methodology | | Additional Notes/ References | | |
|  | GB/T 1032-2005 GB 755-2008 GB 18613-2012 | | Applies to motors working under three-phase AC, with voltage lower than 690V and frequency of 50Hz; for motors of energy efficiency grade 2 and 3, their rated power shall be 0.55kW-315kW, and for grade 1 motors, rated power should be 3kW-315kW; number of poles shall be 2, 4, and 6; of single-speed closed self-fan cooling type, N design type; for general service or explosion-proof type. | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|--|--|-------------------|--|--|-------------------|
| CQC31-461121-2009. CQC Mark Certification - small and medium three-phase asynchronous motors | Medium 3-Phase General Purpose | Label Endorsement | Voluntray | CQC (China Quality Certification Center) | Implemented -2009 |
| Content | Test Methodology | | Additional Notes/ References | | |
|  | GB/T 1032-2005 GB 755-2008 GB 18613-2012 | | Applies to motors working under three-phase AC, with voltage lower than 690V and frequency of 50Hz; rated power shall be 0.55kW-315kW, and for grade 1 motors, rated power should be 3kW-315kW; number of poles shall be 2, 4, and 6; of single-speed closed self-fan cooling type, N design type; for general service or explosion-proof type | | |



China



Energy Efficiency Policy Assessment for Electrical Motors



Monitoring Verification and Enforcement (MVE)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Environmentally Sound Management

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|--|-------------------|--|--|-------------------|
| CQC31-461238-2009. CQC Mark Certification - Variable frequency speed regulation devices | Variable Speed Drive | Label Endorsement | Voluntray | CQC (China Quality Certification Center) | Implemented -2009 |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB/T 12668.2-2002 GB/Z 17625.6-2003 GB/T 17623 | | Applies to variable frequency speed regulation devices using three-phase AC power supply, which voltage is no higher than 660V, frequency of 50Hz, and power no bigger than 315kW. | | |



China



Energy Efficiency Policy Assessment for Distribution Transformer



Comments:


Minimum Energy Performances Standards (MEPS)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|--|---|--------------|------------------------------|---|-------------------|
| GB 20052-2013 Minimum Allowable Values of Energy Efficiency and the Evaluating Values of Energy Conservation for Three-Phase Distribution Transformers | Transformer | MEPS | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2013 |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB 1094.1-1996 GB/T 2900.15-1997 GB/T 6451-2008 GB 24790-2009 | | | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|----------------------------------|-------------------|------------------------------|--|-------------------|
| CQC31-461212-2013. CQC Mark Certification - Three-phase Distribution Transformers | Transformer | Label Endorsement | Voluntray | CQC (China Quality Certification Center) | Implemented -2013 |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB1094.1; GB1094.3; CQC3137-2012 | | | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|---|-------------------|------------------------------|---|-------------------|
| CEL-021. Power Transformer | Transformer | Label Comparative | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2010 |
| Content | Test Methodology | | Additional Notes/ References | | |
|  | GB 1094.1-1996 GB/T 2900.15-1997 GB/T 6451-2008 GB 24790-2009 | | | | |



China



Energy Efficiency Policy Assessment for Distribution Transformer



Monitoring Verification and Enforcement (MVE)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Environmentally Sound Management

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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China



Energy Efficiency Policy Assessment for Lighting



Comments:

Minimum Energy Performances Standards (MEPS)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|---|--------------|------------------------------|---|-------------|
| GB30255-2013;GB20053-2006; GB29142-2012;..etc., total 11 MEPS for CFL, LED, HID, Fluorescent, and ballast | | MEPS | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB/T 24824; GB 20053-2006 GB/T 15042 GB 15910.10 QB/T 2511 QB/T 2515; GB 17263 etc. | | | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|--|---|-------------------|------------------------------|--|-------------|
| CQC31-465317-2014; CQC31-465195-2014; ...total 17 Label endorsement policy for LED, flourescent, HID, ballast etc. | | Label endorsement | Voluntary | CQC (China Quality Certification Center) | Implemented |
| Content | Test Methodology | | Additional Notes/ References | | |
| | CQC 3147-2014 GB 7000 GB 17743 GB 17625.1; GB 29142-2012 GB 17625.1-2012,etc. | | | | |

Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|-------------------------------------|-------------------|------------------------------|---|-------------------|
| China Energy Label - High Pressure Sodium Lamps | HID | Label Comparative | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2008 |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB 19573-2004 GB/T 13434 GB/T 13259 | | | | |



China



Energy Efficiency Policy Assessment for Lighting



Monitoring Verification and Enforcement (MVE)

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Environmentally Sound Management

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|-------------|------------------|--------------|------------------------------|---------------------------|--------|
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| Content | Test Methodology | | Additional Notes/ References | | |
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Support Policy

| Policy Name | Products Types | Policy Types | Mandatory or voluntary | Implementing Organization | Status |
|---|-------------------------------|-------------------|------------------------------|---|-------------------|
| CEL-032. Self-ballasted Fluorescent Lamps | CFL | Label Comparative | Mandatory | NDRC (National Development and Reform Commission) and AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of China) | Implemented -2013 |
| Content | Test Methodology | | Additional Notes/ References | | |
| | GB/T 17263-2013 GB 19044-2013 | | | | |