**22 August 2006**

　　-         **Energy Efficiency Labeling and Standard Program (including MEPS)**

　　-         **High-efficiency Appliance Certification Program**

　　-         **e-Standby Program**

**http://www.cnca.gov.cn/rjwgjhzb/sbhzjl/yzfz/hg/images/20061023/543.jpg**

**http : www.mocie.go.kr**



**http : www.ats.go.kr**

http://www.cnca.gov.cn/rjwgjhzb/sbhzjl/yzfz/hg/images/20061023/545.jpg

**http : www.kemco.or.kr**

**1. Energy Efficiency Labeling & Standard Program**

**(including MEPS)**

**Program Introduction**

　　The purpose of the Energy Efficiency Labeling program is to save energy by enabling consumers to identify high efficiency energy saving type products easily and accordingly encourage manufacturers (importers) to produce and sell energy saving products from the outset. By making the labeling and application of MEPS mandatory, the program enables consumers to identify energy saving products.



　　- Mandatory indication of the energy efficiency grade from the 1st to 5th grade.

　　- Production and sales of those products that fall below the 5thgrade will be prohibited. (Applying MEPS).

**Target products**

　　The categories of product included in the Energy Efficiency Labeling Programs are 18 items;

　　- Refrigerators

　　- Freezers

　　- Kimchi Refrigerators

　　- Air Conditioners

　　- Washing Machines

　　- Drum Washing Machines

　　- Dish Washers

　　- Dish Driers

　　- Hot and Cold Water Dispensers

　　- Rice Cookers

　　- Vacuum Cleaners

　　- Electric Fans

　　- Incandescent Bulbs

　　- Fluorescent Lamps

　　- Ballasts for Fluorescent Lamp

　　- Compact Fluorescent Lamps

　　- Domestic Gas Boilers

　　- Automobiles

**Legal basis**

　　Based on article 17 (Designation of machinery and materials subject to efficiency management, etc.) and article 18 (Post Management of Machinery and Materials Subject to Efficiency Management) of“Rational Energy Utilization Act”.

　　- “Regulation on machinery and materials subject to efficiency management” (Ministry of Commerce, Industry and Energy notification).

　　- “Regulation on energy efficiency labeling of automobiles” (Ministry of Commerce, Industry and Energy notification).

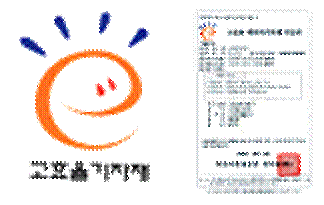
**Program operating organization**

　　Korea Energy Management Corporation (KEMCO), delegated by Ministry of Commerce Industry & Energy (MOCIE), operates the program in partnership with500 manufacturers. About 12,000 models are registered.

**2. High-efficiency Appliance Certification Program**

**Program Introduction**

　　The purpose of the High-efficiency Appliances Certification Program is to single out those products that perform above the certain standards. Certified products may bear the High-efficiency Equipment Label and certificates are also issued.



**Target products**

　　The categories of product included in the High-efficiency Appliances Certification Programs are 34 items;

　　- Three Phase Electric Motors

　　- 26mm 32W Fluorescent Lamps

　　- Ballasts for 26mm 32W Fluorescent Lamp

　　- Self-ballasted Lamps

　　- Reflectors for Fluorescent Lamps

　　- Sensor Lighting Equipments

　　- Heat Recovery Ventilators

　　- Windows

　　- Water Coolers

　　- Pumps

　　- Uninterruptible Power Systems

　　- Industrial Gas Boilers

　　- Domestic Gas Boilers

　　- Power Transformers

　　- Vending Machines

　　- T-5 Fluorescent Lamps

　　- Electronic Ballast for Metal Halide Lamp

　　- Electronic Ballast for Natrium Lamp

　　- Inverters

　　- Auto Thermostatic Valves For Heating

　　- LED Traffic Lights

　　- Multi-function Type Switchgear Systems

　　- Direct-fired Absorption Chillers-heaters

　　- Single Phase Motors

　　- Ventilation Fans

　　- Centrifugal Blowers

　　- Ballasts for 16mm Fluorescent Lamps

　　- Metal-halide Lamps

　　- Reflectors for HID Lamps

　　- Motor Pumps for Aeration

　　- Ballasts for FPL 32W Compact Fluorescent Lamps

　　- FPL 32W Compact Fluorescent Lamps

　　- Oil Burning Water Boilers

　　- Industrial Oil Boilers

**Legal basis**

　　“High Energy Efficiency Appliance Certification Program Application Regulation” (Ministry of Commerce, Industry and Energy Notification) based on Article 13, of “Rational Energy Utilization Act”.

**Program operating organization**

　　Korea Energy Management Corporation (KEMCO), delegated by Ministry of Commerce Industry & Energy (MOCIE), operates the program in partnership with400 manufacturers. About 3,000 models are registered.

**3. e-Standby Program**

**Program Introduction**

　　It is a core program to reduce standby power below 1 W. An energy saving mark (it’s nickname is “Energy Boy”) is labeled on those consumers’ electronic appliance and office equipment with high potential for reduction of standby power, and which satisfy the standby power reduction standards set by the government. Based on a voluntary agreement, manufacturers are able to participate in the program by adopting an advanced system of self-certification.  Products with the Energy Boy label are provided with numerous incentives and qualify for purchase priority in public procurement processes and mandatory use of energy saving products by public organizations.



**Target products**

　　The categories of product included in the e-Standby Programs are 20 items;

　　- Computers

　　- Monitors

　　- Printers

　　- Fax Machines

　　- Copiers

　　- Scanners

　　- Multi-function Devices

　　- Energy Saving & Controlling Devices

　　- Televisions

　　- Video Cassette Recorders

　　- Home Audio Products

　　- DVD Players

　　- Microwave Ovens

　　- Battery Chargers for Mobil Phone

　　- Set-top Boxes

　　- External Power Adaptors

　　- Door Phones

　　- Cord/Cordless Phones

　　- Radios

　　- Bidets

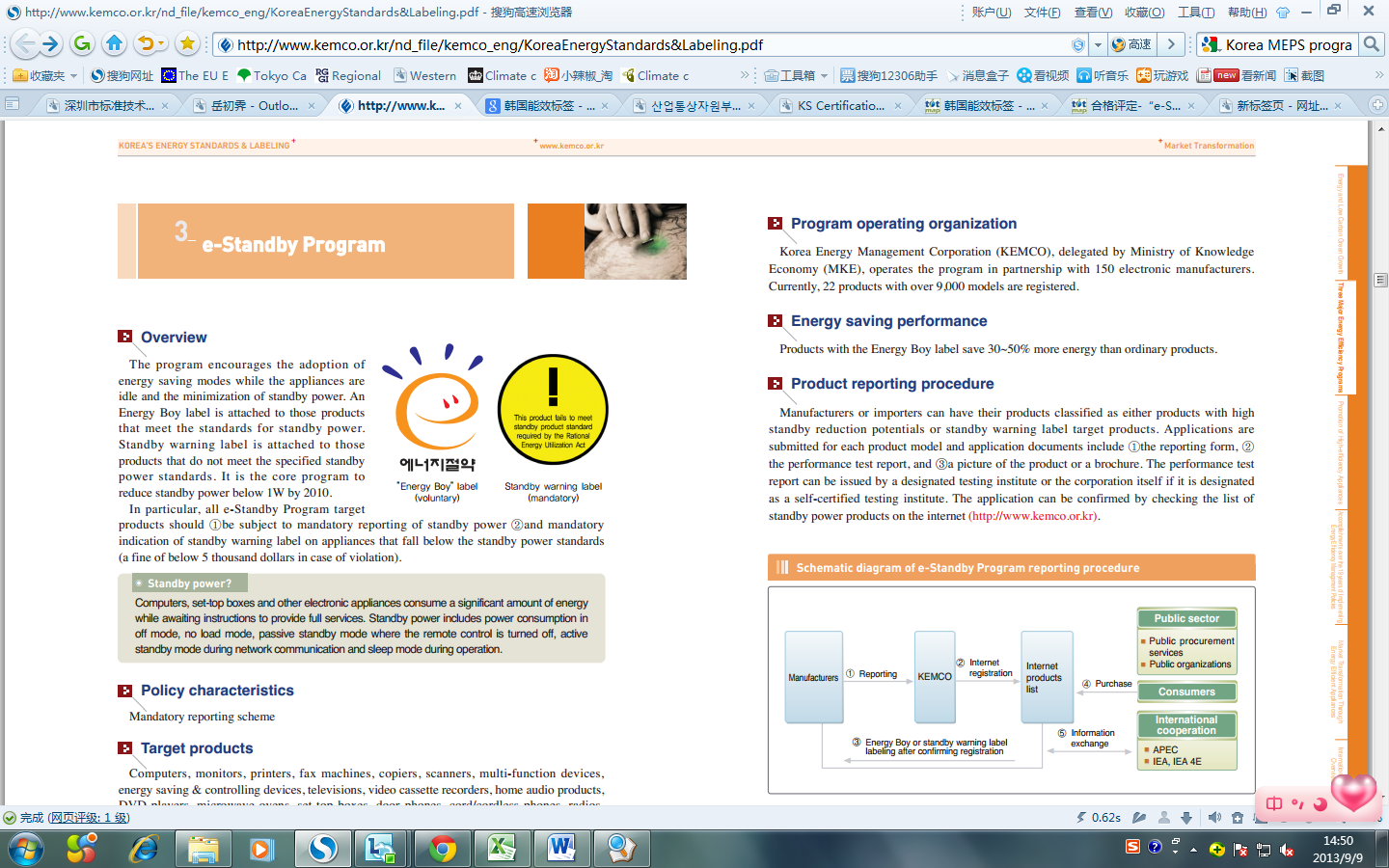
**Legal basis**

　　“e-Standby Program Application Regulation” (Ministry of Commerce, Industry and Energy Notification) based on Article 13, of “Rational Energy Utilization Act”.

**Program operating organization**

　　Korea Energy Management Corporation (KEMCO), delegated by Ministry of Commerce Industry & Energy (MOCIE), operates the program under the partnership with100 electronic manufacturers. About 3,000 models are registered.

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|  | Refrigerators |
|  | air conditioners |
|  | freezers |
|  | kimchi refrigerators, |
|  | washing machines |
|  | drum washing machines |
|  | dish washers |
|  | dish driers |
|  | hot and cold water dispensers |
|  | rice cookers |
|  | vacuum cleaners |
|  | electric fans |
|  | air cleaners |
|  | incandescent lamps |
|  | fluorescent lamps |
|  | ballasts for fluorescent lamp |
|  | compact fluorescent lamps |
|  | 3 phase electric motors |
|  | domestic gas boilers |
|  | external power supplies |
|  | electric cooling and heating equipments |
|  | commercial refrigerators |
|  | gas water heaters |
|  | TVs |
|  | window sets |
|  | electric transformers |
|  | electric fan heaters |
|  | electric stoves |
|  | VRF multi-split heat pumps |
|  | dehumidifiers |
|  | tyres |
|  | automobiles |



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|  | Computers |
|  | monitors |
|  | printers |
|  | fax machines |
|  | copiers |
|  | scanners |
|  | multi-function devices |
|  | energy saving & controlling devices |
|  | televisions |
|  | video cassette recorders |
|  | home audio products |
|  | DVD players |
|  | microwave ovens |
|  | set-top boxes |
|  | door phones |
|  | cord/cordless phones |
|  | radios |
|  | bidets |
|  | modems |
|  | home gateways |
|  | hand dryer |
|  | servers |

Single phase motors

Sensor lighting equipment

Heat recovery ventilators

Ventilation fans

Centrifugal blowers

Metal-halide lamps

Reflectors for HID lamps

Oil burning water boilers

Industrial oil boilers

Pumps

Uninterruptible power systems

Industrial gas boilers

Electronic ballasts for metal halide lamps

Electronic ballasts for natrium lamps

Inverters

Auto thermostatic valves for heating

LED traffic lights

Multi-function type switchgear systems

Direct-fired absorption Chiller-heaters

Thermo hygrostat

LED lamps (internal converter)

LED lamps (external converter)

LED security light fixtures

LED sensor light fixtures

LED converters

PLS light fixtures

High air tight insulated doors

Fixtures for ultra constant discharge lamps

Regenerative burners

Turbo blowers

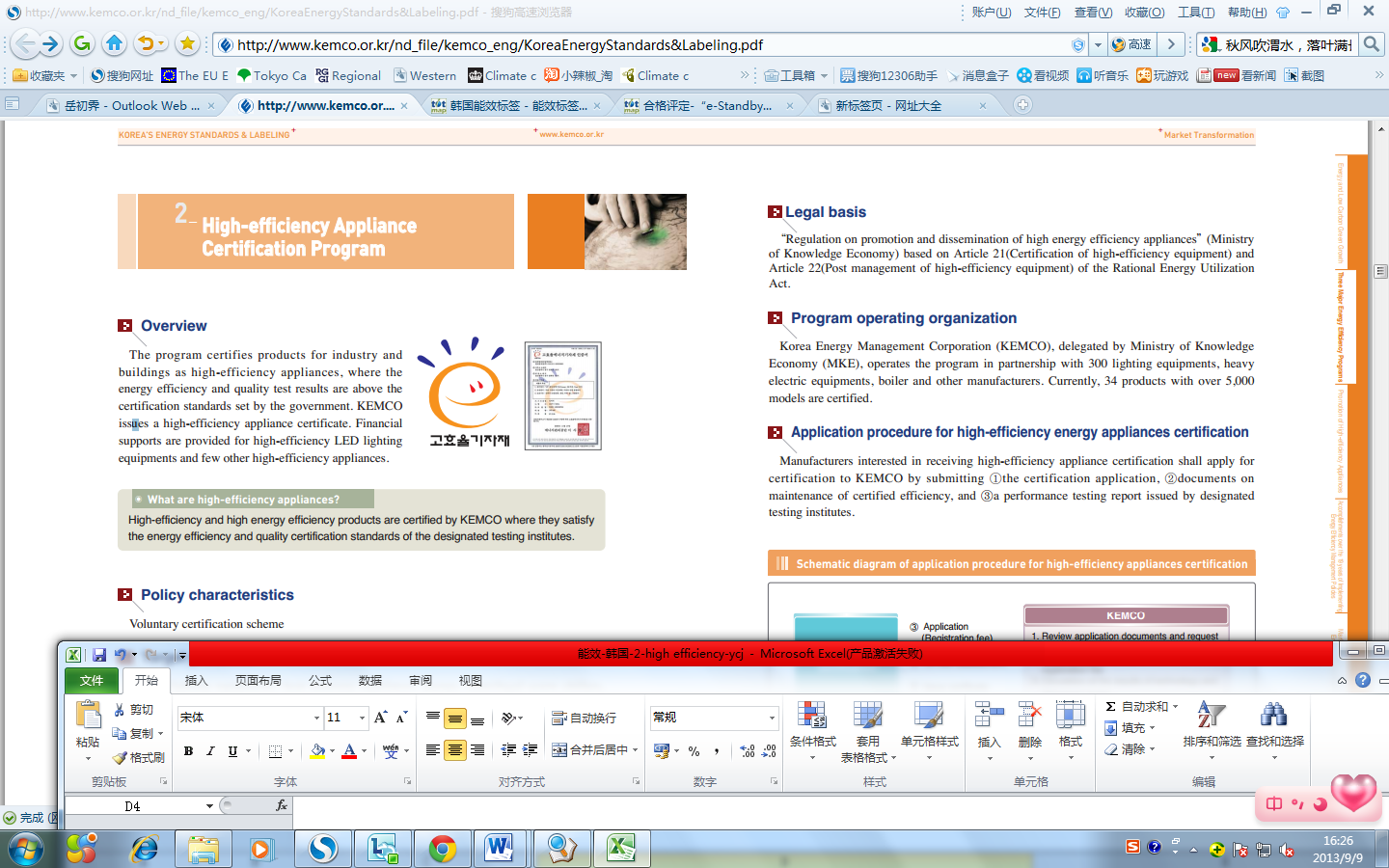
LED guide lights

Centrifugal screw chillers

Submersible arators

Recessed and fixed LED light

Fixture



The program certified products for industry and buildings as high-efficiency appliances, where the energy efficiency and quality test results are above the certification standards set by the government. KEMCO issues a high-efficiency appliance certificate. Financial supports are provided for high-efficiency LED lighting equipment and few other high-efficiency appliances.

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