

Voluntary Energy Efficiency Labelling Scheme Registration Records (Household Appliances)

Refrigerating Appliances (Voluntary Scheme)

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 30
Model	Model	Data type: Text Data size: 30
Annual Energy Consumption (kWh/Yr)	Annual Energy Consumption (kWh/Yr)	Data type: Numeric Acceptable values: 0 to 999
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Refrigerator Category	Refrigerator Category: 1 - A refrigerator without a frozen food compartment. 2 - A refrigerator with a 1-star frozen food compartment. 3 - A refrigerator with a 2-star frozen food compartment. 4 - A refrigerator with a 3-star frozen food compartment 5 - A refrigerator with a 4-star freezer compartment. 6 - A Category 5 refrigerator incorporating means to prevent the formation of frost on contents. 7 - A refrigeration appliance in which the entire storage volume is intended for freezing food. 8 - A Category 7 refrigeration appliance incorporating means to prevent the formation of frost.	Data type: Numeric Acceptable values: 1 to 8
Fresh Food Volume (Litre)	Fresh Food Volume (Litre)	Data type: Numeric Acceptable values: 0 to 999
Frozen Food Volume (Litre)	Frozen Food Volume (Litre)	Data type: Numeric Acceptable values: 0 to 999
Freezing Capacity (kg/24hrs)	Freezing Capacity (kg/24hrs)	Data type: Numeric Acceptable values: 0 to 99.99
Remarks	To distinguish the new applications after 1 July 2016, new applications will be distinguished with "#" in the remark column. The application is based on revised new derivation of the energy efficiency grades starting from 1 July 2016. Details please refer to the scheme document.	Data type: Text Data size: 1

Room Air Conditioners (Voluntary Scheme)

Field Name	Description	Remarks
Registration No.	Registration No.	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 30
Cooling Capacity (kW)	Cooling Capacity (kW)	Data type: Numeric Acceptable values: 0 to 99.99
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Room Cooler Category	<p>Room Air Conditioner Category:</p> <p>1 = Window Type Cooling Only 2 = Window Type Reverse Cycle 3 = Split Type Cooling Only 4 = Split Type Reverse Cycle</p> <p># Based on revised new classifications and new derivation of the energy efficiency grades starting from 1 July 2016. Details please refer to the scheme document.</p> <p>New Room air conditioner category:</p> <p>1 = Single package. Cooling only. 2 = Single package. Reverse cycle. 3 = Split type. Cooling only. 4 = Split type. Reverse cycle.</p>	Data type: Numeric Acceptable values: 1 to 4
Annual Energy Consumption (kWh/Yr)	<p>Annual Energy Consumption (kWh/Yr)</p> <p>Actual consumption depends on where the Room Air Conditioner is located and how it is used. Based on 1200 hrs/yr operation.</p>	Data type: Numeric Acceptable values: 0 to 9999
Remark	<p>To distinguish the new applications after 1 July 2016, new applications will be distinguished with "#" in the remark column. The application is based on revised new derivation of the energy efficiency grades starting from 1 July 2016. Details please refer to the scheme document.</p>	Data type: Text Data size: 1

Washing Machines (Voluntary Scheme)

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Annual Energy Consumption (kWh/Yr)	Annual Energy Consumption (kWh/Yr)	Data type: Numeric Acceptable values: 0 to 999
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Washing Machine Category	<p>(Empty) Based on classifications before 1 April 2010 as follow :</p> <p>1 = Horizontal drum with built-in water-heating device. 2 = Impeller or agitator, with built-in water-heating device. 3 = Impeller or agitator, without built-in water heating device.</p> <p>To distinguish the applications from 1 April 2010 to 30 July 2016, the applications will be distinguished with "#" in the remark column. The application is based on revised classification starting from 1 April 2010. Details please refer to scheme document. 1 = Horizontal drum 2 = Impeller or agitator</p> <p>To distinguish the applications after 1 July 2016, new applications will be distinguished with "@" in the remark column. The application is based on revised new classifications and new derivation of the energy efficiency grades starting from 1 July 2016. Details please refer to the scheme document.</p> <p>1 = Horizontal axis washing machine. 2 = Vertical axis washing machine</p>	Data type: Numeric Acceptable values: 1 to 3
Washing Capacity (kg)	Washing Capacity (kg)	Data type: Numeric Acceptable values: 0 to 99.9
Water Consumption (litre)	Water Consumption (litre)	Data type: Numeric Acceptable values: 0 to 999

Remark	<p>To distinguish the applications from 1 April 2010 to 30 July 2016, the applications will be distinguished with "#" in the remark column. # The application is based on revised classification. Details please refer to the description of "Washing Machine Category".</p> <p>To distinguish the applications after 1 July 2016, new applications will be distinguished with "@" in the remark column. The application is based on revised new classifications and new derivation of the energy efficiency grades starting from 1 July 2016. Details please refer to the scheme document.</p>	<p>Data type: Text Data size: 1</p>
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Non-Integrated Type Compact Fluorescent Lamps

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 30
Lamp Type	Lamp Type: NI = Without integral ballast	Data type: Text Acceptable values: NI
Lamp Wattage (W)	Lamp Wattage (W)	Data type: Numeric Acceptable values: 0 to 99
Remark	Remark	Data type: Text Data size: 1

Household Electric Storage Water Heaters

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 30
Annual Energy Consumption due to Standby Loss (kWh/Yr)	Annual Energy Consumption due to Standby Loss (kWh/Yr)	Data type: Numeric Acceptable values: 1 to 999.999
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Water Heater Category	Water Heater Category: 1 = Small-size unvented electric storage water heaters for domestic use with a rated capacity not exceeding 50 litres. 2 = Small-size open outlet electric storage water heaters for domestic use with a rated capacity not exceeding 50 litres. 3 = Horizontal tank type electric storage water heaters for domestic use with a rated capacity exceeding 50 litres and up to 300 litres. 4 = Vertical tank type electric storage water heaters for domestic use with a rated capacity exceeding 50 litres and up to 300 litres.	Data type: Numeric Acceptable values: 1 to 4
Water Heater Capacity (Litre)	Water Heater Capacity (Litre)	Data type: Numeric Acceptable values: 0 to 999.9
Heating Time (min) (15°C -> 65°C)	Heating Time (min) (from 15°C to 65°C)	Data type: Numeric Acceptable values: 0 to 999.9
Remarks	Note: # Based on revised criteria starting from 1 August 2008. @ Based on latest criteria starting from 1 May 2011.	Data type: Text Data size: 1

Electric Rice-Cookers

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Capacity (litre)	Capacity (litre)	Data type: Numeric Acceptable values: 1.0 to 9.9

Televisions (Recognition Type) (Up to 28 February 2011)

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Standby Power (W)	Standby Power (W)	Data type: Numeric Acceptable values: 0.01 to 9.99
Type	Type	Data type: Text Acceptable values: Plasma LCD
Remarks	# Based on revised criteria starting from 1 October 2007.	Data type: Text Data size: 1

Televisions (Grading Type) (Effective on 1 March 2011)

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Visible Screen Size Measured Diagonally in cm / inch	Visible Screen Size Measured Diagonally in cm / inch	Data type: Numeric Data size: 10
Annual Energy Consumption (kWh/Yr)	Annual Energy Consumption (kWh/Yr)	Data type: Numeric Acceptable values: 1 to 999
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Standby Power (W)	Standby Power (W)	Data type: Numeric Acceptable values: 0.01 to 0.99
Type	Type	Data type: Text Acceptable values: LCD LED

Electronic Ballasts

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 30
Ballast Category	Ballast Category	Data type: Text Data size: 40
Lamp Wattage (W)	Lamp Wattage (W)	Data type: Text Data size: 30

(Light Emitting Diode) LED Lamps

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 40
Rated Lamp Wattage (Watt)	Rated Lamp Wattage (Watt)	Data type: Numeric Acceptable values: 0.1 to 99.9
Rated Luminous Flux (lm)	Rated Luminous Flux (lm)	Data type: Numeric Acceptable values: 1 to 9999
Efficacy (lm/W)	Efficacy (lm/W)	Data type: Numeric Acceptable values: 1 to 999
Energy Efficiency Grade	Energy Efficiency Grade	Data type: Numeric Acceptable values: 1 to 5
Lamp Type (Directional / Non-directional)	Lamp Type (Directional / Non-directional)	Data type: Text Data size: 20
Center Beam Intensity (cd)	Center Beam Intensity (cd)	Data type: Numeric Acceptable values: 1 to 999
Rated Beam Angle	Rated Beam Angle	Data type: Numeric Acceptable values: 1 to 999
Driver Type (Integrated / Non-integrated*)	Driver Type (Integrated / Non-integrated*)	Data type: Text Data size: 20
*Specified Non-integrated Driver (Brand / Model)	*Specified Non-integrated Driver (Brand / Model)	Data type: Text Data size: 30

Induction Cookers

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Rated Wattage (W)	Rated Wattage (W)	Data type: Numeric Acceptable values: 1 to 9999

Microwave Ovens

Field Name	Description	Remarks
Registration No.	Registration Number	Data type: Text Data size: 10
Brand	Brand	Data type: Text Data size: 20
Model	Model	Data type: Text Data size: 20
Rated Microwave Wattage (W)	Rated Microwave Wattage (W)	Data type: Numeric Acceptable values: 1 to 9999.9
Rated Grill Mode Wattage (W)	Rated Grill Mode Wattage (W)	Data type: Numeric Acceptable values: 1 to 9999.9