

SLSI energy efficiency labelling scheme for electrical appliances

28/06/00
Daily news

The Sri Lanka Standards Institution (SLSI), in association with the Ceylon Electricity Board and Energy Conservation Fund, has made arrangements to operate an Energy Efficiency Labelling Scheme for domestic electrical appliances on a voluntary basis.

The aim of the program is to promote the use of energy efficient appliances to save energy.

The label displayed on the appliance will provide information on energy consumption and/or energy efficiency of a particular model of an electrical appliance, helping consumers to compare different models of electrical appliances to make appropriate purchasing decisions.

The program will also encourage manufacturers/importers to make available electrical appliances with more energy efficient designs in the market, a statement from SLSI said.

The energy consumption is the key deter-

minant of the operating costs of most electrical appliances and is therefore of primary concern to the consumer.

The consumer cannot find out the energy consumption or energy efficiency by visual inspection of the item in the market.

Determination of these performance attributes requires careful testing using sophisticated equipment, which are not normally accessible to the consumer. The Energy labelling program will ensure that these performance attributes are available to the consumer.

The label, which is affixed on an appliance displayed for sale, will clearly indicate how much electricity is consumed by the particular model of the appliance under standardised operating conditions, along with the energy efficiency of the appliance by a star rating for easy understanding. The Sri Lanka Standard for Energy Efficiency Labelling of an appliance will provide the basis for determination of the efficiency rat-

ing and it also specifies the number of stars assigned to each efficiency rating. The higher the number of stars on the label the greater is the energy efficiency.

Thus information related to the operating costs is available to the consumer to purchase the appliance which the consumer can afford.

Manufacturers and importers will be permitted to display the energy efficiency label on their products after certification of the efficiency rating by the SLSI.

The certificate shall be revalidated after expiry. The pilot project on labelling of ballasts used for 40 W florescent lamps will commence shortly.

Specification for the label and the method of determination of star rating are specified in SLS 1200.

The opportunity is available for manufacturers and importers of ballasts to join the scheme voluntarily on application to SLSI, the statement said.