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Efficiency Labeling Requirements

Assists Manufacturers with Testing through Product Registration

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In order to conserve energy and reduce peak load demand, many countries has announced new energy efficiency labeling requirements for appliances with high energy consumption, including Air-conditioners, freezers, refrigerators, washing machines and etc.

KPC can assist manufacturers seeking this energy efficiency label approval program through the applicable testing requirements and by preparing the necessary documentation for registration. **KPC** can also provides local support in Saudi Arabia, Kuwait and UAE through our partner in those countries. "Electrical energy consumption has been increasing sharply over the last two

decades due to rapid economic development. This new rating system will provide consumers of such appliances with information on energy efficiency and performance so that they can make informed choices when making a purchase.

Under the new regulations, each model of the below-mentioned appliances will have to be registered locally and labeled with an energy efficiency rating before sale at the market. This rating will be assigned based on the results of energy performance tests according to the approved standards. Appliances will be assigned a rating of one to six stars;

the greater the number of stars, the higher the energy efficiency.



Specific standards in the Saudi Arabian market include the following:

- SASO 2663/2007 for energy labeling and minimum energy performance requirements for air conditioners;
- SASO/ISO 2681/2007 for testing and performance rating for non-ducted air conditioners and heat pumps;
- SASO/ISO 2682/2007 for testing and performance rating for ducted air conditioners and air-to-air heat pumps;
- SASO 2664/2007 for energy performance, capacity and labeling of household refrigerators, refrigerator-freezers and freezers;
- SASO 2692/2007 for energy labeling requirements of household washing machines;
- SASO 2683/2007 for methods of measuring the performance of household washing machines; and
- SASO 2693/2007 for performance requirements for household washing machines

The registration and labeling requirements for SASO was mandatory since beginning of April 2010.

KHANAPHAT PERFECT GROUP. is a leading provider of consultancy services in Thailand for product testing & certification, energy, engineering & environmental, quality & management system, inspections, including the workshop & technical training services.



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