### Energy Labelling of Household Appliances in the Republic of Moldova

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washing machine</td>
<td></td>
</tr>
</tbody>
</table>

#### More efficient

- **A**
- **B**
- **C**
- **D**
- **E**
- **F**
- **G**

#### Less efficient

- **B**

**Energy consumption kWh/cycle**

Based on standard test results for 60°C cotton cycle. Actual energy consumption will depend on how the appliance is used.

<table>
<thead>
<tr>
<th>Washing performance</th>
<th>A: higher</th>
<th>G: lower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spin drying performance</td>
<td>A: higher</td>
<td>G: lower</td>
</tr>
<tr>
<td>Spin speed (rpm)</td>
<td>1400</td>
<td></td>
</tr>
<tr>
<td>Capacity (cotton) kg</td>
<td>6.0</td>
<td>5.5</td>
</tr>
<tr>
<td>Water consumption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise (dB(A) re 1 pW)</td>
<td>Washing</td>
<td>Spinning</td>
</tr>
<tr>
<td></td>
<td>5.2</td>
<td>7.6</td>
</tr>
</tbody>
</table>

Further information contained in product brochure.
Review of the Situation with Energy

• The Republic of Moldova is an energy-dependent country.
• 94% of energy demand (fossil fuel and electricity) are covered by import.
• 45% of the total national energy consumption are consumed by residential buildings.

As there is no domestic energy production, energy efficiency is a priority.
Legal Framework of the Republic of Moldova

- Energy Strategy of the Republic of Moldova till 2020 approved by the Resolution of the Government No. 958 as of 21.08.2007 contains a list of EU Directives to be used for harmonisation of the national legislation, including the Directives on Household Appliance Labelling.

- Law on Energy Efficiency No. 142 as of 02.07.2010 with the final provisions calling for transposition of European Directives on household appliance labelling.

- Moldova has commitments on harmonisation of the legislation specified in RM-EU agreements. It should be highlighted that at the moment it carries out negotiations on the list of European Directives to be included in the Agreement on Association.
Legal Framework of the Republic of Moldova – Efforts Taken

Draft National Energy Efficiency Programme for 2011-2020 provides for:

- Harmonisation of the national legislation with EU requirements on household appliance labelling

- Introduction of requirements to household appliances produced, assembled, sold and purchased in Moldova which should be accompanied with resumes and labels containing information on energy consumption as well as other data

- Development of standards and techniques helping to check reliability of the information on labels

- Establishment of requirements to technical documentation

- Development of label design and content

- Determination of conditions for using a label at energy appliance

- Determination of content, form and other data of a product resume

- Implementation of information campaigns, etc.
Competent Public Authorities and Measures on Household Appliance Labelling Taken

- Ministry of Economy (Department for extension of gas networks and energy efficiency) developed regulations on household appliance labelling to be approved in accordance with a defined procedure.

- Energy Efficiency Agency* will appoint inspectors that would supervise the implementation of legislation on household appliance labelling.

* Status of the Energy Efficiency Agency was approved by the Resolution of the Government as of 14 September 2010
In 2010 the Ministry of Economy organised four meetings with participation of the representative of the European project carried out in support of implementation of agreements between RM and EU Eduard Ipavets – energy efficiency expert. The meetings were also attended by representatives of competent public authorities, consumers, suppliers and manufacturers of household appliances. The meetings were focused on discussion of problems related to energy consumption by residential buildings of RM, importance of using energy efficient appliances by consumers, considering that energy consumption steadily increases.
Sources of Information


2. Web-sites: www.gestionarul.md
   http://acem.zzl.org/

1. Energy Efficiency Bulletin (issued by the Alliance on Energy Efficiency and RES in cooperation with the Ministry of Economy). The bulletin is distributed at Moldova, Ukraine, Armenia, etc.)
Promising factors:

- Most of household appliances sold in shops has a label compliant with the relevant European Directives
- More than 55% of household appliances sold in Moldova are of class A

Constraints:

- Most of consumers do not pay attention to an energy efficiency class when buying household appliances giving a preference to cheaper products.
- A considerable difference in price between efficient and less efficient equipment, especially between fluorescent and incandescent lamps.
Thank you for attention!

Vladislav Bogaciov,
Senior Consultant,
Ministry of Economy of the Republic of Moldova
vlad.bogaciov@mec.gov.md
Tel.: +373 22 234-013