## Standard format for a performance specification

<table>
<thead>
<tr>
<th>WHO/XXX</th>
<th>IMD- PQS performance specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE:</strong> &lt;description&gt;</td>
<td><strong>Original:</strong> English</td>
</tr>
<tr>
<td><strong>Specification reference:</strong></td>
<td><strong>Distribution:</strong> General</td>
</tr>
<tr>
<td><strong>Product verification protocol:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Issue date:</strong></td>
<td></td>
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<tr>
<td><strong>Date of last revision:</strong></td>
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</tbody>
</table>

### Contents:
- <list the specification content down to level 1.1.1>

1. **Scope:** <briefly describe what product(s) the specification covers>

2. **Normative references:** <list ISO/IEC and other standards that apply to the specification, and list any relevant WHO product verification protocols; cross-refer to any other relevant performance specifications>

3. **Terms and definitions:** <define any specific terms used in the specification, particularly terms which may not be widely understood>

4. **Requirements:**
  1. **General:** <state what is generally required of the product, but not how this is to be achieved; briefly describe the context in which the product is to be used>
  2. **Performance:** <set out the specific performance characteristics required, including limits on energy consumption where relevant>
  3. **Environmental requirements:** <quantitatively define the operating environment in respect of temperature range, humidity, shock, vibration, etc.>
  4. **Physical characteristics:** <set out critical physical characteristics such as limits on weight, size etc., but only to the extent that these data are essential to satisfy human factors and/or interface requirements>
  5. **Interface requirements:** <describe form and fit requirements to the extent that these impact on other related products; e.g. size of icepacks to suit a specific range of cold boxes>
4.6 **Human factors:** <describe ergonomic requirements, including percentile of users; ‘universal design’ principles; health and safety issues etc.>

4.7 **Materials:** <specify materials that are to be used or excluded only to the extent that this is absolutely necessary; e.g. to ensure adequate corrosion or wear resistance, to minimise toxicity, or to comply with international agreements (e.g. the Montreal Protocol)>

4.8 **Warranty:** <define warranty requirements in quantitative terms and define the conditions under which these requirements must be met>

4.9 **Servicing Provision:** <define the requirement and specify the terms>

4.10 **Maintenance:** <define maintenance issues in as quantitative manner as possible; for example, mean time between maintenance, level of maintenance skill needed, etc.>

4.11 **Disposal and recycling:** <state specific requirements relating to end-of-life disposal, including any requirements for recycling of materials or components>

4.12 **Instructions:** <if user and/or maintenance instructions are required, state in which languages they are to be supplied>

4.13 **Training:** <if user training is required, state who is to be trained and for what purpose>

4.14 **Verification:** <state how product performance is to be verified, by citing the relevant type-testing, type-examination or full quality-assurance protocol>

6. **Packaging:** <state any specific requirements for packaging>

7. **On-site installation:**<where a product requires on-site installation (e.g. solar powered appliances and standby generator) clearly define who is to be responsible for each stage in the process, such as:
- designing the installation;
- identifying a suitable space or building to house the installation;
- inspecting and approving the space or building;
- making necessary physical changes to prepare for the installation;
- inspecting and approving the changes;
- carrying out the installation;
- testing and commissioning the installation;
- user training (when required at the time of installation)>

7. **Product dossier:** <state what supporting information and/or production-run product samples the manufacturer ([legal manufacturer](#) or [reseller](#)) or
The approved installer must provide when submitting a product for prequalification, including details of quality systems (QA) in place.

8. **On-site maintenance**: (if on-site maintenance is required, state the desired performance criteria with regard to response rate etc.)

9. **Change notification**: (state that the manufacturer or approved installer is to report future changes in product specification, manufacturing location and manufacturing methods to WHO/UNICEF; define the conditions under which re-testing may be required)

10. **Defect reporting**: (state that the manufacturer or approved installer is to notify purchasers, end-users and WHO/UNICEF in the event of safety-related product recalls, component defects and other similar events)

**Annexes**: (special symbols and other supporting information, as required)

**Revision history**:

<table>
<thead>
<tr>
<th>Date</th>
<th>Change summary</th>
<th>Reason for change</th>
<th>Approved</th>
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</thead>
<tbody>
<tr>
<td>dd.mm.yy</td>
<td>&lt; change item&gt;</td>
<td>&lt; reason for change&gt;</td>
<td>&lt; name&gt;</td>
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