Circular Letter No.: 2014.122

Issue Date: 22 September 2014

Application: BEAM Plus NB Version 1.2

Effective Date: 22 September 2014

**EU 1, 2 and 6 - Appendix 8.1.2 Performance-based Approach – Baseline Air-Conditioning System**

This circular letter announces the following amendments:

1. Table below replaces the table in Appendix 8.1.2.

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Public Housing</th>
<th>Private Housing</th>
<th>Industrial, commercial, and other building types with air-conditioned floor area &lt; 14,000sqm</th>
<th>Industrial, commercial, and other building types with air-conditioned floor area ≥ 14,000sqm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Type</td>
<td>Unitary air-conditioner, non-split-type</td>
<td>Unitary air-conditioner, split-type</td>
<td>Unitary air-conditioner, split-type</td>
<td>Chiller*</td>
</tr>
<tr>
<td>Terminal type</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>VAV</td>
</tr>
<tr>
<td>Heat Rejection</td>
<td>Air-cooled</td>
<td>Air-cooled</td>
<td>Air-cooled</td>
<td>Water-cooled*</td>
</tr>
</tbody>
</table>

2. Footnote:

* For buildings with air-conditioned floor area less than 20,000sqm – 2 water-cooled screw chillers sized equally, for buildings with air-conditioned floor area more than 20,000sqm – 2 water-cooled centrifugal chillers minimum with chillers added so that no chiller is larger than 2800 kW, all sized equally.

# For buildings with air-conditioned floor area ≥ 14,000sqm, water-cooled chiller plus VAV air conditioning system must be used as the baseline building model, except when there is a strong supporting evidence to prove inappropriate application of such baseline, e.g. hygiene requirement in hospitals.

Signed:

Dr. Raymond Yau
Chairperson of Technical Review Committee