

## Annex A (normative)

### Input and method selection data sheet — Template

#### A.1 General

The template in Annex A of this document shall be used to specify the choices between methods, the required input data and references to other documents.

NOTE 1 Following this template is not enough to guarantee consistency of data.

NOTE 2 Informative default choices are provided in Annex B. Alternative values and choices can be imposed by national/regional regulations. If the default values and choices of Annex B are not adopted because of the national/regional regulations, policies or national traditions, it is expected that:

- national or regional authorities prepare data sheets containing the national or regional values and choices, in line with the template in Annex A; or
- by default, the national standards body will add or include a national annex (Annex NA) to this document, in line with the template in Annex A, giving national or regional values and choices in accordance with their legal documents.

NOTE 3 The template in Annex A is applicable to different applications (e.g., the design of a new building, certification of a new building, renovation of an existing building and certification of an existing building) and for different types of buildings (e.g., small or simple buildings and large or complex buildings). A distinction in values and choices for different applications or building types could be made:

- by adding columns or rows (one for each application), if the template allows;
- by including more than one version of a table (one for each application), numbered consecutively as a, b, c, ... For example: Table NA.3a, Table NA.3b;
- by developing different national/regional data sheets for the same standard. In case of a national annex to the standard these will be consecutively numbered (Annex NA, Annex NB, Annex NC, ...).

NOTE 4 In the section “Introduction” of a national/regional data sheet information can be added, for example about the applicable national/regional regulations.

NOTE 5 For certain input values to be acquired by the user, a data sheet following the template of Annex A, could contain a reference to national procedures for assessing the needed input data. For instance, reference to a national assessment protocol comprising decision trees, tables and pre-calculations.

The shaded fields in the tables are part of the template and consequently not open for input.

#### **Specific information concerning Annex A and Annex B of this document:**

The reporting tables allow full freedom of choice at national or regional level.

Typically, different choices will be made according to the type of work, notably for new constructions (or equivalent) or works on existing buildings. Furthermore, there may be differentiations according to other criteria, such as between residential and non-residential buildings. Each different application area will thus have its own set of tables if different choices are made. The application domain of every set shall be clearly specified.

## A.2 References

The references, identified by the EPB module code number, are given in a table complying with the format given in Table A.1 (template).

**Table A.1 — References**

Reference	Reference document <sup>a</sup>	
	Number	Title
M1-6 <sup>b</sup>	No. 63	Regulation no 63, adopted on 11.12.2018, 'Minimum requirements for energy performance of buildings', (määrus nr 63, "Hoone energiatõhususe miinimumnõuded", <a href="https://www.riigiteataja.ee/akt/107072020011">https://www.riigiteataja.ee/akt/107072020011</a> )
M1-14 <sup>b</sup>		
M2-4 <sup>b</sup>		
M3-4 <sup>b</sup>		
M4-4 <sup>b</sup>	No. 58	Regulation no 58, adopted on 05.06.2015, 'Methodology for calculating energy efficiency of buildings' (määrus nr 58, "Hoone energiatõhususe arvutamise meetodika", <a href="https://www.riigiteataja.ee/akt/107072020012?leiaKehtiv">https://www.riigiteataja.ee/akt/107072020012?leiaKehtiv</a> )
M5-4 <sup>b</sup>		
M6-4 <sup>b</sup>		
M7-4 <sup>b</sup>		
M8-4 <sup>b</sup>	No. 36	Regulation no 36, adopted on 30.04.2015, 'Requirements for issuing the energy performance certificate and for energy performance certificate', (määrus nr 36, "Nõuded energiamärgise andmisele ja energiamärgisele", <a href="https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv">https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv</a> )
M9-4 <sup>b</sup>		
M10-4 <sup>b</sup>		
		'The Building Code', adopted 11.02.2015 ("Ehitusseadustik", vastu võetud 11.02.2015, <a href="https://www.riigiteataja.ee/akt/129062022005?leiaKehtiv">https://www.riigiteataja.ee/akt/129062022005?leiaKehtiv</a> )

<sup>a</sup> If a reference comprises more than one document, the references may be differentiated.  
<sup>b</sup> Informative.

## A.3 Energy performance requirements

Table A.2, which contains the overall energy performance requirement mix, should be filled out as follows:

- The first column lists the overall energy performance features that can be considered for setting requirements. The motivation for the chosen mix shall be reported. If required, other overall EPB features can be added at the bottom of the table. By means of a numbered reference, a precise description of each additional overall EPB feature will then be given and the motivation shall be described in a clear manner.
- In the second column, an X-mark is put at each of the features chosen to set a requirement.
- In the third column, a numbered reference is made to a full, detailed and clear explanation for each exception, including the motivation for the exception.

Table A.2 should be seen in conjunction with all the partial EPB requirements (which are beyond the scope of this document, e.g. concerning technical systems). Partial EPB requirements related to the fabric are discussed in ISO 52018, which also provides reporting templates for the corresponding EPB features.

**Table A.2 — Default choices with respect to the overall EPB requirements (see 9.5)**

Application: New buildings and Existing buildings		
Overall energy performance feature	Requirement?	Exceptions*?
Total primary energy use		
Non-renewable primary energy use	X	
Renewable primary energy use		
Renewable energy ratio		

Greenhouse gas emissions		
Energy policy factors (define*)		
<p>The columns or cells that are marked with an asterisk * (i.e. any cell involving a specific national/regional element) shall be marked with a numbered reference. Clear explanation and motivation shall be given for each of these new elements.</p> <p>Complete:                  Explanations according to each of the numbered references:                  (1) ...&lt;free text&gt;                  (2) ...                  Motivation for the requirement mix: ...&lt;free text&gt;</p>		

As explained in Clause 9, the numerical value of the requirement on the total primary energy use (notably whether variable or constant) should be set with great care.

**Table A.3 — Numeric indicator used for the requirement on the total primary energy use (see 9.5)**

Numeric indicator	Choice
Total primary energy use per useful floor area [kWh/m <sup>2</sup> a]	Not applicable
Total primary energy use $E_{Ptot}$ [kWh]	Not applicable
Ratio (define)	Not applicable
<free text> (Other: define*)	
If another indicator is used, it shall be clearly described and precise reference shall be made to the determination method: (1) ... < free text > (2) ...	
<i>Note: No numerical value for total primary energy.</i>	

As explained in Clause 9, the numerical value of the requirement on the non-renewable primary energy use (notably whether variable or constant) should be set with great care.

**Table A.4 — Numeric indicator used for the requirement on the non-renewable primary energy use (see 9.5)**

Numeric indicator	Choice
Non-renewable primary energy use per heated floor area [kWh/m <sup>2</sup> a]	X
Non-renewable primary energy use $E_{Pnren}$ [kWh]	
Ratio (define)	
<free text> (Other: define)	
If another indicator is used, it shall be clearly described and precise reference shall be made to the determination method: (1) ...<free text> (2) ...	

As explained in Clause 9, the numerical value of the requirement on the renewable primary energy use (notably whether variable or constant) should be set with great care.

**Table A.5 — Numeric indicator used for the requirement on the renewable primary energy use (see 9.5)**

Numeric indicator	Choice
Renewable primary energy use per useful floor area [kWh/m <sup>2</sup> ]	Not applicable
Renewable primary energy use $E_{Pren}$ [kWh]	Not applicable
Ratio (define)	Not applicable
<free text > (Other: define)	Not applicable
If another indicator is used, it shall be clearly described and precise reference shall be made to the determination method: (1) ...<free text>	

## A.4 Rating

Table A.6 — Energy rating methods (see 10.2 and 10.3)

Method	Choice <sup>a</sup>
1) Default energy rating method with two reference points (see 10.2)	No
2) Default energy rating method with a single reference point (see 10.2)	No
3) Other energy rating method (see 10.2)	Yes
<b>In case of method 1:</b>	<b>Parameters</b>
Subclasses to expand the classes	-
Position of the energy performance regulation reference, $R_r$ ,	Between class A and B
Position of the building stock reference, $R_s$ ,	-
Measure for the building stock reference	median (50 %)
Position of $EP = 0$	Class A
<b>In case of method 2.:</b>	<b>Parameters</b>
Subclasses to expand the classes	A to G
Boundary for the reference position, $n_{ref}$	4 (D)
<b>In case of method 3:</b>	<b>Reference</b>
Reference to procedure:	1)
<sup>a</sup> Only one "YES" is possible.	
1) Regulation no 36, adopted on 30.04.2015, 'Requirements for issuing the energy performance certificate and for energy performance certificate', (määrus nr 36, "Nõuded energiamärgise andmisele ja energiamärgisele", <a href="https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv">https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv</a> )	

## A.5 Label model

Table A.7 — Graphical representation of the rating (see 11.3)

Method	Choice <sup>a</sup>
1. Default model for the graphical representation of the rating (see 11.3)	Yes
2. Other model for the graphical representation of the rating (see 11.3)	No
In case of method 2:	
Reference to procedure:	<free text>
<sup>a</sup> Only one "YES" is possible.	
Regulation no 36, adopted on 30.04.2015, 'Requirements for issuing the energy performance certificate and for energy performance certificate', (määrus nr 36, "Nõuded energiamärgise andmisele ja energiamärgisele", <a href="https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv">https://www.riigiteataja.ee/akt/107072020013?leiaKehtiv</a> )	
Annex 1 of regulation no 36 of the Minister of Economy and Infrastructure dated 30.04.2015. "Requirements for energy labelling and energy labelling" - <a href="#">MKM_m36_lisa1.pdf (riigiteataja.ee)</a>	