

## MHCLG approved national calculation methodologies and software programs for buildings other than dwellings

For use in connection with the calculation of the energy performance of building for the purposes of:

- (a) regulations 24 of the Building Regulations 2010 and
- (b) calculating the asset ratings that are included in Energy Performance Certificates, and
- (c) operational ratings that are included in Display Energy Certificates and air conditioning inspection report software approved as fit for commercial use in its current state and form.

### Approved versions (2018)

Company / vendor	Software name	Software type	Engine / Spec / Version	Current approved version	Date of approval
Environmental Design Solution Ltd	TAS	DSM software for EPC and Part L 2013	TAS v9.4.2	v9.4.3	18-May-18
IES Ltd	Virtual Environment	DSM software for EPC and Part L 2013	ApacheSim v7.0.10	v7.0.10	4-Jun-18
Bentley Systems (UK) Ltd	Hevacomp Simulator V8i	DSM software for EPC and Part L 2013	EnergyPlus v8.1	v26.06.00.06	29-Jan-18
DesignBuilder Software Ltd	Designbuilder DSM	DSM software for EPC and Part L 2013	EnergyPlus v8.6.0.001	v5.4.0	30-May-18
Bentley Systems (UK) Ltd	DesignDatabase	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v26.06.00.08	4-Jun-18
DesignBuilder Software Ltd	DesignBuilder SBEM	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v5.4.0	30-May-18
G-ISBEM Ltd	G-ISBEM	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v22.0	24-May-18
IES Ltd	Virtual Environment	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v7.0.10	4-Jun-18
Property-Tectonics Ltd	Lifespan SBEM	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v5.4.b	18-May-18
MHCLG	iSBEM	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v5.4.b	26-Mar-18
Elmhurst Energy Systems Ltd	SBEM Online	FI-SBEM software for EPC and Part L 2013	SBEM v5.4.b	v3.01	18-May-18

\* The programs listed have been approved by MHCLG. Whilst MHCLG has taken due care and precaution in testing the programs, it will not be held liable for any failure or consequence thereof that may occur in their use or application.

**Earlier Approved Versions that are still live**

<b>Company / vendor</b>	<b>Software name</b>	<b>Software type</b>	<b>Engine / Specification version</b>	<b>1st version approved</b>	<b>Date of 1st approved</b>	<b>Approved version</b>	<b>Date of approval</b>
Environmental Design Solution Ltd	TAS	DSM software for EPC and Part L 2010		V9.2	14-Dec-10	v9.4.1	20-Feb-17
IES Ltd	Virtual Environment	DSM software for EPC and Part L 2010		V6.2.0	1-Oct-10	v6.4.0	07-Mar-17
Bentley Systems (UK) Ltd	DesignDatabase	FI-SBEM software for EPC and Part L 2010	SBEM v4.1.g	v25.05	06-Apr-11	v26.06.00.05	17-Feb-17
MHCLG	iSBEM	FI-SBEM software for EPC and Part L 2010	SBEM v4.1.g	v4.1.c	05-Apr-11	v4.1.g	05-Apr-18
DesignBuilder Software Ltd	DesignBuilder SBEM	FI-SBEM software for EPC and Part L 2010	SBEM v4.1.g	V2.4.2	05-Apr-11	v5.0.2	20-Feb-17
G-ISBEM Ltd	G-ISBEM	FI-SBEM software for EPC and Part L 2010	SBEM v4.1.g	v17.0	14-Apr-11	v17.1	08-Feb-17
IES Ltd	Virtual Environment	FI-SBEM software for EPC and Part L 2010	SBEM v4.1.g	v.6.4.0	11-Apr-11	v.6.4.0	07-Mar-17

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**Air Conditioning Inspection and ORCalc approved versions**

<b>Company / vendor</b>	<b>Software name</b>	<b>Software type</b>	<b>Engine / Specification version</b>	<b>1st version approved</b>	<b>Date of 1st approved</b>	<b>Approved version</b>	<b>Date of approval</b>
Camco/EPES	EPLabel	ORCalc software	ORCalc v3.6.2	v1.0	29-Aug-08	v2.4	17-May-17
IES Ltd	DEC Assessor	ORCalc software	ORCalc v3.6.2	v1.0b1	24-Oct-08	v5.0	17-May-17
i-Prophets Energy Services	digitalenergy	ORCalc software	ORCalc v3.6.2	v2.0	10-Jul-08	v3.1	17-May-17
Property-Tectonics Ltd	LifeSpan DEC	ORCalc software	ORCalc v3.6.2	v1.05.02	13-Jan-09	v3.6.0	17-May-17
SystemsLink	ORToolkit	ORCalc software	ORCalc v3.6.2	v1.0.0	27-Aug-08	v3.6	17-May-17
TEAM	Sigma DEC	ORCalc software	ORCalc v3.6.2	v4.0	29-Aug-08	v3.6	17-May-17
MHCLG	ORCalc	ORCalc software	ORCalc v3.6.2	v3.6.1	10-Jul-08	v3.6.2	17-May-17
Quidos Ltd	AIRS	A/C Inspection Reporting software	-	v1.2	29-Jul-09	v2.0	07-Apr-11
Sterling Accreditation	Sterling e-Volve	A/C Inspection Reporting software	-	v1.2	02-Mar-12	v1.2	02-Mar-12
ECMK	AC Reporter	A/C Inspection Reporting software	-	v1.0	11-Apr-12	v1.0	11-Apr-12
MHCLG	AirCon Software	A/C Inspection Reporting software	-	v1.3.2	22-Dec-09	v2.0.6	07-Sep-11

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