

SAP 10.2 – applicable for building regulations from 15th June 2022 in England, and from 15th June 2022 for EPC lodgements in England.

List of SAP programs tested by BRE* for use in connection with building regulations and Energy Performance Certificates for new dwellings

Phased approval: The following software packages have been granted approval specific to dwellings with the following features:

Phase 1	Building fabric (walls, roofs, floors, windows etc.), Boilers (mains gas, LPG, electric, oil), FGHRS, Secondary room heaters, Instantaneous WWHRS, Solar heating (hot water only), Natural ventilation with intermittent extract fans, Centralised MEV, Decentralised MEV, Balanced ventilation with heat recovery (MVHR), PV (without battery or diverter), and Air conditioning.
Phase 2	All Phase 1, plus Electric heat pumps, Electric immersion, PV with battery, PV with diverter, and Wind turbines.
Phase 3	All Phase 2 plus Heat Networks (not from PCDB), Balanced ventilation without heat recovery.

Full Approval: The following software packages have been tested for full approval covering:

Phase 4	All Phase 3 plus all other systems including Storage WWHRS, Solar heating (space and water heating), and Heat Networks from PCDB
Phase 5	All Phase 4 plus production of EPCs including improvement recommendations, element star ratings and element descriptions
Phase 6	Revisions for heat networks covering SAP specification update on 11 th April 2023

See also notes on last page.

* The SAP programs listed have been checked by BRE on behalf of DESNZ, DLUHC, BSD and the Welsh Government. Whilst BRE 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.

Organisation	Contact name	Address, telephone, e-mail, website	Calculation Software	Phase	Version	Building Regulations				EPC				Date of approval
			User Interface			E	W	S	NI	E	W	S	NI	
Stroma Certification Limited	The SAP Team	6 Silkwood Park, Fryers Way, Wakefield, WF5 9TJ 0345 621 1111 www.stroma.com/certification SAP@stroma.com	FSAP 10.2	1	1.x	Yes	-	-	-	-	-	-	-	08/06/2022
				2	1.x	Yes	-	-	-	-	-	-	-	04/07/2022
				3	1.x	Yes	-	-	-	-	-	-	-	17/07/2022
				4	1.x	Yes	-	-	-	-	-	-	-	28/07/2022
				5	1.x	Yes	Yes	-	-	Yes	Yes	-	-	28/11/2022
			FSAP 10.2 UI	1	1.x	Yes	-	-	-	-	-	-	-	14/06/2022
				2	1.x	Yes	-	-	-	-	-	-	-	06/07/2022
				3	1.x	Yes	-	-	-	-	-	-	-	29/07/2022
				4	1.x	Yes	-	-	-	-	-	-	-	29/07/2022
				5	1.x	Yes	Yes	-	-	Yes	Yes	-	-	28/11/2022
Elmhurst Energy Systems LTD	New Build Dwelling Support Team	16 St Johns Business Park Lutterworth Leicestershire LE17 4HB Tel: 01455 883250 www.elmhurstenergy.co.uk onconstruction-support@elmhurstenergy.co.uk	Design SAP 10	1	1.x	Yes	-	-	-	-	-	-	-	09/06/2022
				2	1.x	Yes	-	-	-	-	-	-	-	28/06/2022
				3	1.x	Yes	-	-	-	-	-	-	-	27/07/2022
				4	1.x	Yes	-	-	-	-	-	-	-	29/07/2022
				5	2.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	15/12/2022
				6	2.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	04/04/2023
			Design SAP 10	1	1.x	Yes	-	-	-	-	-	-	-	10/06/2022
				2	1.x	Yes	-	-	-	-	-	-	-	07/07/2022
				3	1.x	Yes	-	-	-	-	-	-	-	29/07/2022
				4	1.x	Yes	-	-	-	-	-	-	-	29/07/2022
				5	2.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	15/12/2022
				6	2.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	04/04/2023

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Organisation	Contact name	Address, telephone, e-mail, website	Calculation Software	Phase	Version	Building Regulations				EPC				Date of approval
			User Interface			E	W	S	NI	E	W	S	NI	
Argyle Software	SAP Registration Team	7-9 North Parade Buildings Bath Somerset BA1 1NS Telephone: 01225 667210 Email: sap@argylesoftware.co.uk Web: www.argylesoftware.co.uk	Argyle Software ACE	1	1.x	Yes	-	-	-	-	-	-	-	04/07/2022
				2	1.x	Yes	-	-	-	-	-	-	-	04/08/2022
				3	1.x	Yes	-	-	-	-	-	-	-	22/08/2022
				5	1.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	20/10/2022
				6	10.2.2.x	Yes	Yes	Yes	-	Yes	Yes	Yes	-	14/03/2023
			-	-	-	-	-	-	-	-	-	-	-	-
JPA Technical	JPA SAP Team	Cambridge House, Henry Street, Bath, BA1 1JS Telephone: 01225 667145 Email: office@jpatechnical.com Web: www.jpatechnical.com	-	-	-	-	-	-	-	-	-	-	-	-
			JPA Designer 10	6	2.0.x.x	Yes	Yes	-	-	Yes	Yes	-	-	20/04/2023

NOTES

1. E: England; W: Wales; S: Scotland; NI: Northern Ireland. SAP 10.2 is not yet applicable in Northern Ireland.
2. "Building Regulations" indicates whether the software calculates the target and dwelling emissions for building regulations. "EPC" indicates whether the software produces an energy performance certificate.
3. "x" in the version number may be incremented for minor updates that do not affect the calculated results. The software approval applies to any "x".
4. The list of programs is complete as at the date at the top of the page. Additional programs may be added.

For further information on SAP 10.2 see: <https://bregroup.com/sap/sap10/>

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