

BREEAM-SE New Construction 2017 – Sammanfattning av förändringar

BREEAM-SE New Construction 2017 kan användas för kommersiella byggnader (bl.a. kontor, handel, industri, skolor, förskolor och hotell) och bostäder.

Manualen ersätter den tidigare manualen BREEAM-SE 2013 2.0. Den baseras på BREEAM International New Construction 2016. Manualen är anpassad till svensk lagstiftning och standarder.

Summering av viktiga förändringar

Kort summering av de viktigaste ändringarna är:

- Baserat på och harmoniserat med BREEAM International New Construction 2016
- Indikatorerna är omstrukturerade och konsoliderade för att passa bättre med skeden i byggprocessen
- Tydligare anpassat efter svenska byggprocessen
- Uppdaterade hänvisningar till svensk lagstiftning och standarder.
- Omfattar fler byggnadstyper (bl.a. kontor, handel, industri, skolor, förskolor och hotell) och bostäder. Övriga byggnadstyper använder BREEAM-SE Bespoke.
- Ombyggnader ingår inte i manualen, utan hanteras genom certifiering i BREEAM International Refurbishment and Fit Out eller BREEAM-SE Bespoke.
- Möjligt att söka poäng för innovationer.
- Viktningen för Sverige mellan de olika ämnesområdena har justerats.
- Minimumkrav har justerats och skallkrav (prerequisites) har införts
- Assessorrapporten har ersatts av ett Assessment tool.
- Fler hjälpverktyg och vägledningar som del av manualen.



Sammanställning av förändringar från BREEAM-SE 2013 till 2017

Tabellen nedanför ger en kortfattad översikt över indikatorerna i BREEAM-SE New Construction 2017. Indikatorerna i BREEAM-SE 2013 listas bredvid. På en övergripande nivå redovisas vilka delar som är utökade. I princip alla manualens indikatorer har dock uppdaterats i någon form.

Indikator BREEAM-SE 2017		Indikator BREEAM-SE 2013	Utökad/ytterligare delar i BREEAM-SE 2017
Management			
New	Man 01 Project Brief and Design	Man 14 Accredited Professional	Stakeholders consultation
	Man 02 Life cycle Cost and Service Life Planning	Man 12 Life Cycle Cost Analysis	Elemental LCC Reporting capital cost of the building.
New	Man 03 Responsible Construction Practices	Man 2 Constructors Environmental and Social Code of Conduct. Man 3 Construction Site Impact Man 14 Accredited Professional	Legally harvested and traded timber.
New	Man 04 Commissioning and Handover	Man 1 Commissioning Ene 6 Avoidance of Air Infiltration Man 4 Building User Guide	Handover
New	Man 05 Aftercare	Man 1 Commissioning	Aftercare support Post occupancy evaluation.
	Man 06 Moisture Safety	Man15 Moisture Safety	
Health and Wellbeing			
New	Hea 01 Visual Comfort	Hea 1 Daylighting Hea 2 View Out Hea 3 Glare Control Hea 4 High Frequency Lighting Hea 5 Internal and External Lighting Level Hea 6 Lighting Zones and Controls	More developed strategies and solutions are available. Minimum area daylight factor.
New	Hea 02 Indoor Air Quality	Hea 7 Potential for Natural Ventilation Hea 8 Indoor Air Quality Hea 9 VOC	Indoor Air Quality Plan. Testing of TVOC and formaldehyde at PC. Emissions for building products revised.



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New	Hea 03 Safe Containment in Laboratories		
	Hea 04 Thermal Comfort	Hea 10 Thermal Comfort Hea 11 Thermal Zoning	Adaptability for a projected climate change scenario
	Hea 05 Acoustic Performance	Hea 13 Acoustic performance	More credits available
New	Hea 06 Accessibility	Tra 4 Pedestrian and Cyclist Safety Tra 8 Deliveries & Maneuvering	Inclusive and accessible design
New	Hea 08 Outdoor Space		Provision of outdoor space residential buildings.
	Hea 09 Microbial contamination	Hea 12 Microbial Contamination	
	Hea 10 Radon	Hea 15 Radon	
Energy			
	Ene 01 Reduction of Energy use	Ene 01 Energy efficiency	New criteria table
New	Ene 02a Energy Monitoring	Ene 2 Submetering of Substantial energy use Ene 3 Submetering of High Energy Load and Tenancy Areas.	
New	Ene 02b Energy Monitoring		Displaying electricity and/or heating/cooling consumption.
New	Ene 03 Energy Efficient Lighting	Ene 4 External Lighting Ene 10 Internal Lighting	
	Ene 04 Low Carbon Design	Ene 5 Low or Zero Carbon Technologies	Shifted focus from LZC to Low carbon design. Passive design features.
	Ene 05 Energy Efficient Cold Storage	Ene 7 Cold Storage	Design strategy. Indirect greenhouse gas emissions



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New	Ene 06 Energy Efficient Transport System	Ene 8 Lifts Ene 9 Escalators and travelling walkways	
New	Ene 07 Energy Efficient Laboratory Systems		Optimise energy demand of the laboratory facilities.
New	Ene 08 Energy Efficient Equipment		Identification of unregulated energy-consuming loads. Demonstrate energy reduction.
New	Ene 09 Drying Space		Provision of adequate internal or external space and equipment.
Transport			
	Tra 01 Public transport accessibility	Tra 1 Provision of Public Transport	Accessibility index.
	Tra 02 Proximity to amenities	Tra 2 Proximity to amenities	Core amenities
New	Tra 03a Alternative modes of transport Tra 03b Alternative modes of transport	Tra 3 Alternative modes of transport	Tra 03b for residential buildings
	Tra 04 Maximum car parking capacity	Tra 6 Maximum Car Parking Capacity	
	Tra05 Travel plan	Tra 5 Travel plan	
New	Tra 06 Home office		Space and services to be able to work from home.
Water			
	Wat 01 Water consumption	Wat 01 Water Consumption	Calculating water consumption and compare it to baseline performance.
	Wat 02 Water monitoring	Wat 2 Water Meter	
	Wat 03 Water leak detection and prevention	Wat 3 Major Leak Detection Wat 4 Sanitary Supply Shut Off	Leak isolation residential buildings. Wider scope sanitary shut off.



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	Wat 04 Water efficient equipment	Wat 6 Irrigation Systems Wat 7 Vehicle Wash	Scope broadened.
Materials			
New	Mat 01 Life cycle impacts	Mat 1 Materials Specification (Major Building Elements) Mat 2 Hard Landscaping and Boundary Protection Mat 6 Insulation	Credits based on use and robustness of LCA tool. EPD.
	Mat 03 Responsible sourcing of construction products	Mat 6 Insulation Mat 5 Responsible Sourcing of Material	Legally harvested and traded timber prerequisites. Sustainable procurement plan. Guidance note 18.
	Mat 05 Designing for Durability and Resilience	Mat 7 Designing for Robustness	Protecting exposed parts of the building from material degradation.
New	Mat 06 Material Efficiency		Optimize material efficiency.
	Mat 07 Hazardous Substances	Mat 8 Hazardous Substances Man 4 Building User Guide	Installation products. New exemplary credit.
Waste			
	Wst 01 Construction Waste Management	Wst 1 Construction Site Waste Management	Demolition waste targets.
	Wst 02 Recycled Aggregates	Wst 2 Recycled Aggregates	30 km rule moved. New exemplary credit.
	Wst 03 a Operational waste Wst 03 b Operational waste	Wst 3 Recyclable Waste Storage Wst 4 Compactor/Balor Wst 5 Composting and Anaerobic digestion	Wst 03b for residential buildings.
	Wst 04 Speculative Finishes	Wst 6 Floor finishes	Other finishes than flooring included.
New	Wst 05 Adaptation to Climate Change		Climate change adaptation strategy. Holistic approach exemplary credit.



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New	Wst 06 Functional Adaptability		Functional adaptation strategies to facilitate future adaptation.
Land Use and Ecology			
	LE 01 Site Selection	LE 1 Reuse of Land LE 2 Contaminated Land	Credits previously occupied land.
	LE 02 Ecological Value of Site and Protection of Ecological Features	LE 3 Ecological Value of Site and Protection of Ecological Features	
	LE 04 Enhancing Site Ecology	LE 4 Mitigating Ecological Impact	Credits based on percentage of recommendations.
	LE 05 Long Term Impact on Biodiversity	LE 6 Long Term Impact on Biodiversity	
Pollution			
	Pol 01 Impact of refrigerants	Pol 1 Refrigerant GWP-Building Services Pol 2 Prevent Refrigerant Leaks Pol 3 Refrigerant GWP-Cold Storage	Alternative to GWP.
	Pol 02 NOx Emissions	Pol 4 NOx emissions from Heating Source	Focus on local air pollution.
	Pol 03 Surface Water Run-off	Pol 5 Flood Risk Pol 6 Minimizing Watercourse Pollution	More flexible.
	Pol 04 Reduction of Night Time Light Pollution	Pol 7 Reduction of Night Time Light Pollution	
	Pol 05 Reduction of Noise Pollution	Pol 8 Noise Attenuation	
Innovation			
	Inn 01 Innovation	Inn 01- Innovation	Applications for innovations.

