



Circular Letter No.: 2024.211

Issue Date: 21 June 2024

Application: BEAM Plus NB Version 2.0

Effective Date: 21 June 2024

WU 3 Water Efficient Appliances

1. The Technical Circular Letter hereby announces an update to the credit content for **WU 3 Water Efficient Appliances** under BEAM Plus NB v2.0.
2. The aim of the update is to clarify the following:
 - The credit applies exclusively to residential units within private/ public housing developments and government quarters; and
 - To streamline the submittal process, the requirement for a supporting document to demonstrate non-applicability is eliminated.
3. The requirements given in Section 1.3 and Section 6.1 of the BEAM Plus NB v2.0 Manual (2023 Edition) are hereby updated with the enclosures in Annex A and Annex B of this Technical Circular Letter:
 - Page Annex A-1 shall replace all contents in Section 1.3 Summary of Credits specified in Page 31 of the Manual; and
 - Pages Annex B-1 to B-2 shall replace all contents in Section 6.1 on WU 3 specified in Pages 313 to 314 of the Manual.
4. Approved PA projects: For projects that have already completed PA and have certain assessment approach approved, the Applicant may opt to adopt the same assessment criteria for FA or voluntarily comply with this Technical Circular Letter. For the avoidance of doubt, the Applicant shall provide PA evidence (e.g., extract of the PA report, documents submitted for assessment in PA, etc.) in subsequent assessments to support the intention of using the same assessment methodology as in PA.

A handwritten signature in black ink, appearing to read "Victor Cheung".

Ir Victor Cheung
Chairperson of Standards Sub-committee

Annex A:
Updated Credit Content for Section 1.3 under BEAM Plus NB v2.0

	Section	Credit Requirement	Extent of Application	Credit
EU 8	Energy Efficient Appliances	1 credit when 60% of total rated power of appliances are certified energy efficient products. 2 credits when 80% of total rated power of appliances are certified energy efficient products.	Residential buildings and hotel	2
6	Water Use (WU)			12 + 3 BONUS
WU P1	Minimum Water Saving Performance	Demonstrate that the use of water efficient flow devices leads to an estimated annual saving of 10%.	All buildings	Required
WU 1	Annual Water Use	(a) Further Potable Water Saving 1 to 3 credits for demonstrating that the use of water efficient flow devices leads to an estimated annual saving from 20% to 30%. (b) Exemplary Potable Water Saving 1 additional BONUS credit for demonstrating that the use of water efficient flow devices leads to an estimated annual saving of 40%.	All buildings	3 + 1 additional BONUS
WU 2	Water Efficient Irrigation	1 to 2 credits for reducing potable water consumption for irrigation from 25% to 50% in comparison with the baseline. 1 additional BONUS credit for reducing potable water consumption for irrigation by 100% in comparison with the baseline.	All buildings with permanent greenery	2 + 1 additional BONUS
WU 3	Water Efficient Appliances	1 credit for installing water efficient appliances that achieve Grade 1 under the WSD's Water Efficiency Labelling Scheme.	Residential buildings, exclusively for those specified in Section 1 under "Assessment"	1
WU 4	Water Leakage Detection	1 credit for installing water leakage detection systems in all municipal fresh water tank and/ or pump rooms.	All buildings with fresh water tank and/ or pump rooms	1

**Annex B:
Updated Credit Content for Section 6.1 under BEAM Plus NB v2.0**

6 Water Use	6.1 Water Quality and Conservation
	WU 3 Water Efficient Appliances
Extent of Application	Residential buildings, exclusively for those specified in Section 1 under “Assessment”.
Objective	Encourage the wider use of water efficient appliances.
Credits Attainable	1
Credit Requirement	1 credit for installing water efficient appliances that achieve Grade 1 under the WSD’s Water Efficiency Labelling Scheme.
Assessment	<ol style="list-style-type: none"> 1. This credit applies exclusively to residential units within private/ public housing developments and government quarters. This credit assesses only those appliances provided by the developer. No credits will be awarded if no appliances are provided by the developer. 2. Washing machines provided in all residential units should be of at least Grade 1 under the WSD Water Efficiency Labelling Scheme (WELS) [1] or other equivalent international schemes. If equivalent international scheme is adopted, justification is required to demonstrate the appliances, certified by a recognised standard, can achieve the same performance as the WELS Grade 1 label.

¹ Water Supplies Department – Voluntary Water Efficiency Labelling Scheme. [ONLINE]. Available at: <https://www.wsd.gov.hk/en/plumbing-engineering/water-efficiency-labelling-scheme/index.html>. [Accessed April 2021].

Submittals

Supporting Documents <i>Please provide softcopies with filename prefix as indicated on the leftmost column below.</i>		PA	CA	FA/ RFA
WU_03_00	BEAM Plus NB submission template for WU 3	✓	✓	✓
WU_03_01	Contract specification or catalogue together with information of water efficiency label (e.g. a copy of the water efficiency label or an extracted page of the register of WELS products from WSD's website with highlighted indication) [or] Material approval record with appliances catalogue or sales brochure showing the as-installed appliances model(s) together with information of water efficiency label (e.g. a copy of the water efficiency label or an extracted page of the register of WELS products from WSD's website with highlighted indication)	✓	-	-
WU_03_02	/	/	/	/
WU_03_03	Justification showing the appliances can achieve the same performance as the WELS Grade 1 label (for the water appliances to be certified with other equivalent international schemes)	✓	✓	✓

Remarks**(a) Additional Information**

Water Supplies Department – Voluntary Water Efficiency Labelling Scheme. [ONLINE]. Available at: <https://www.wsd.gov.hk/en/plumbing-engineering/water-efficiency-labelling-scheme/index.html>. [Accessed April 2021].

(b) Related Credit

None