

Part 2 Water Efficiency

NDC 2-1 Water Efficient Design

Actual Assessment Submission ☐Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
(a) Provision of private metering and potable water leak detection system	2	
(b) Use of water efficient fittings covered under WELPS or WELS	1	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
2-1 (a)		
1. Extracts from the tender specification stating the locations and provision of sub meters for all major water uses.	<input type="checkbox"/>	<input type="checkbox"/>
2. List of a submeter and its location	<input type="checkbox"/>	<input type="checkbox"/>
3. Schematic drawings of cold-water distribution system showing the location of the sub meters provided.	<input type="checkbox"/>	<input type="checkbox"/>
4. Extracts from the tender specification and schematic drawing showing the location of sub-metering and its linkage to the Building Management System (BMS).	<input type="checkbox"/>	<input type="checkbox"/>
5. List of input and output point of the Building Management System (BMS) with highlighted the submeter point.	<input type="checkbox"/>	<input type="checkbox"/>
6. Write up on the specific alert features that can be triggered and detect the water leakage during operation.	<input type="checkbox"/>	<input type="checkbox"/>
2-1 (b)		
1. Extracts of the tender specification showing all the water fitting provisions for the development.	<input type="checkbox"/>	<input type="checkbox"/>
2. Water fitting schedules showing the numbers, types and the approved rating of the proposed fittings in the prescribed tabulated format shown in the Table 2.1-1.	<input type="checkbox"/>	<input type="checkbox"/>
3. Schematic drawing of cold water and sanitary plumbing.	<input type="checkbox"/>	<input type="checkbox"/>
4. WEPLS or WELS product specification or certificate. In the event no product recognition from WEPLS or WELS, product catalogue and test report from local or international body that equivalent to the SPAN standard of testing is required.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>2-1 (a)</i>		
1. As-built schematic drawings of cold water distribution system showing the location of the sub meters provided.	<input type="checkbox"/>	<input type="checkbox"/>
2. List of installed submeter and its location	<input type="checkbox"/>	<input type="checkbox"/>
3. Photographic evidences.	<input type="checkbox"/>	<input type="checkbox"/>
3. Describe any deviations or changes from AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
4. As-built schematic drawing showing the location of sub-metering and its linkage to the Building Management System (BMS).	<input type="checkbox"/>	<input type="checkbox"/>
5. Printouts of BMS results data log for each sub-meters.	<input type="checkbox"/>	<input type="checkbox"/>
6. As installed list of input and output point of the Building Management System (BMS) with highlighted the submeter point.	<input type="checkbox"/>	<input type="checkbox"/>
7. Photographic evidence.	<input type="checkbox"/>	<input type="checkbox"/>
<i>2-1 (b)</i>		
1. As installed water fitting schedules showing the numbers, types and the approved rating of the installed fittings in the prescribed tabulated format.	<input type="checkbox"/>	<input type="checkbox"/>
2. As-built schematic drawing of cold water and sanitary plumbing.	<input type="checkbox"/>	<input type="checkbox"/>
3. Tabulation of as-installed water efficient fittings and calculations to verify percentage water saved.	<input type="checkbox"/>	<input type="checkbox"/>
4. WEPLS or WELS product specification or certificate. In the event no product recognition from WEPLS or WELS, product catalogue and test report from local or international body that equivalent to the SIRIM standard of testing is required.	<input type="checkbox"/>	<input type="checkbox"/>
5. Purchase or delivery order of installed water fitting.	<input type="checkbox"/>	<input type="checkbox"/>

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| 6. Photographic evidences. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Describe any deviations or changes from AA submission. | <input type="checkbox"/> | <input type="checkbox"/> |