

Part 3 Sustainable Construction & Management

NDC 3-2 Sustainable Construction

Actual Assessment Submission ☐Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
(a) Use of green cements	5	
(b) Concrete Usage Index (CUI)	5	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>3-1(a) Use of sustainable and recycled materials</i>		
1. Extract of tender specification showing the requirements to use of Green Cement / Concrete.	<input type="checkbox"/>	<input type="checkbox"/>
2. Certificate of products showing the recycled content.	<input type="checkbox"/>	<input type="checkbox"/>
3. Calculation of estimated quantity of replacement by mass of Green Cement / Concrete.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1(b) Concrete Usage Index (CUI)</i>		
1. Structural plan layout, elevation and sectional plans showing the type of wall system used, the dimensions and sizes of all the building and structural elements.	<input type="checkbox"/>	<input type="checkbox"/>
2. Bill of quantities showing the volume of concrete to be used.	<input type="checkbox"/>	<input type="checkbox"/>
3. Detail Concrete Usage Index (CUI) calculation showing the quantity of concrete for each floor level.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>3-1(a) Use of sustainable and recycled materials</i>		
1. Product catalogue of green concrete used with its purchase and delivery orders.	<input type="checkbox"/>	<input type="checkbox"/>
2. Photographic evidences during construction.	<input type="checkbox"/>	<input type="checkbox"/>
3. Tabulation of actual quantity of Green Cement / Concrete used.	<input type="checkbox"/>	<input type="checkbox"/>
4. Describe any deviations or changes to the AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1(b) Concrete Usage Index (CUI)</i>		
1. As-built structural plan layout, elevation and sectional plans showing types of wall system used, dimensions and size of all building and structural elements.	<input type="checkbox"/>	<input type="checkbox"/>
2. Detail Concrete Usage Index (CUI) calculation showing the quantity of concrete for each floor level verified by the QP.	<input type="checkbox"/>	<input type="checkbox"/>
3. Describe any deviations or changes to the AA submission.	<input type="checkbox"/>	<input type="checkbox"/>