

Part 3 Material and Waste Management

TS 3-2 Sustainable Construction for Infrastructure & Public Amenities

Actual Assessment Submission

Site Verification Submission

Criteria	Credit Available	Credit Claimed
(a) Use of sustainable and recycled materials	4	
(b) Recycle or salvage 50% of non-hazardous construction waste by weightage or conserve 50% existing structural elements	3	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>3-2 (a) Use of sustainable and recycled materials</i>		
1. Extract of tender specification showing the requirements & location to use Green cement by at least 10% by mass for super-structural works from approved sources.	<input type="checkbox"/>	<input type="checkbox"/>
2. Extract of tender specification showing the requirements & location to use Recycled Concrete Aggregates and Washed Copper Slug from approved sources.	<input type="checkbox"/>	<input type="checkbox"/>
3. Technical product information of Green Cement, Recycled Concrete Aggregates and Washed Copper Slug.	<input type="checkbox"/>	<input type="checkbox"/>
4. 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"/>
5. Calculation showing the quantity of concrete used for each floor level.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-2 (b) Recycle or salvage 50% of non-hazardous construction waste by weight</i>		
1. Provision of construction waste management plan detailing a list of required recycled, salvage or conserve items supporting by calculation tabulating its percentage to total construction waste, existing structural element or building envelope by area.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>3-2 (a) Use of sustainable and recycled materials</i>		
1. Product catalogue of Green Cement, Recycled Concrete Aggregates and Washed Copper Slug used and its purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
2. 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"/>
3. Describe any deviations or changes to the AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-2 (b) Recycle or salvage 50% of nonhazardous construction waste by weight</i>		
1. Construction waste management plan implemented and summary report of total recycled or salvaged construction waste supported by relevant documents as proof (receipt, inventory record, etc.).	<input type="checkbox"/>	<input type="checkbox"/>
2. Photographic evidences.	<input type="checkbox"/>	<input type="checkbox"/>
3. Describe any deviations or changes to the AA submission.	<input type="checkbox"/>	<input type="checkbox"/>