

Part 2 Water Efficiency

NRB 2-4 Water Consumption of Cooling Tower

Actual Assessment Submission Site Verification Submission

Criteria	Credit Available	Credit Claimed
(a) Use of cooling tower water treatment system	1	
(b) Use of recycled water from approved sources	1	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>2-4(a) Use of cooling tower water treatment system</i>		
1. Extracts of the tender specification showing the requirements to incorporate with the cooling tower designs to achieve six cycles of concentration.	<input type="checkbox"/>	<input type="checkbox"/>
2. Details showing how the cooling towers have been designed to achieve at least six cycles of concentration.	<input type="checkbox"/>	<input type="checkbox"/>
3. Relevant drawings showing the location of the cooling towers and other supporting systems that are required to achieve the designed concentration.	<input type="checkbox"/>	<input type="checkbox"/>
<i>2-4(b) Use of recycled water from approved sources</i>		
1. Extracts of the tender specification showing how the recycled water source is to be provided.	<input type="checkbox"/>	<input type="checkbox"/>
2. Details of the recycled water system.	<input type="checkbox"/>	<input type="checkbox"/>
3. Schematic system showing the recycling system	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>2-4(a) Use of cooling tower water treatment system</i>		
1. Cooling tower water test report and demonstrate compliance to the committed design specification of six cycles of concentration.	<input type="checkbox"/>	<input type="checkbox"/>
2. Product catalogue of the implemented cooling tower water treatment system with purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
3. As-built drawings showing the location of the cooling towers and other supporting systems that are required to achieve the designed concentration.	<input type="checkbox"/>	<input type="checkbox"/>
4. Describe any deviations or changes from AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>2-4(b) Use of recycled water from approved sources</i>		
1. Demonstrate compliance to the committed design specification of the recycled water source.	<input type="checkbox"/>	<input type="checkbox"/>
2. Details of the recycled water system showing the strategy with the calculation.	<input type="checkbox"/>	<input type="checkbox"/>
3. As-built drawings showing the recycled water collection system required to achieve the designed savings.	<input type="checkbox"/>	<input type="checkbox"/>
4. Photographic evidences	<input type="checkbox"/>	<input type="checkbox"/>
5. Describe any deviations or changes from AA submission.	<input type="checkbox"/>	<input type="checkbox"/>