

Part 3 Environmental Protection

NDC 3-1 Refrigerants and Fire Suppressants

Actual Assessment Submission ☐Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
(a) Refrigerants with 0 ozone depleting potential (ODP) or with <100 global warming potential (GWP)	1	
(b) Use of refrigerant leak detection system	1	
(c) In server rooms, use of fire suppressants with zero ODP or GWP of less than 100.	1	
(d) In UPS and Battery rooms, use of fire suppressants with zero ODP or GWP of less than 100	1	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>3-1(a) Use of refrigerant</i>		
1. Extracts of the tender specification showing the requirement for all refrigerants to have ODP of zero OR GWP of less than 100.	<input type="checkbox"/>	<input type="checkbox"/>
2. Technical product information highlighted refrigerants to have ODP of zero OR GWP of less than 100.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1 (b) Use of refrigerant leak detection system</i>		
1. Extracts of the tender specification showing the requirement to incorporate a refrigerant leak detection system.	<input type="checkbox"/>	<input type="checkbox"/>
2. Schematic drawing showing the location of the refrigerant leak detection system at critical areas of plant room containing chillers and others equipment with refrigerants.	<input type="checkbox"/>	<input type="checkbox"/>
3. Product technical information of the system.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1(c) & (d)</i>		
1. Extracts of the tender specification showing the requirement for all Fire suppressant to have ODP of zero OR GWP of less than 100.	<input type="checkbox"/>	<input type="checkbox"/>
2. Technical product information highlighted Fire Suppressant to have ODP of zero OR GWP of less than 100.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>3-1(a) Use of refrigerant</i>		
1. Technical product information of refrigerant used and its purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
2. Describe any deviations or changes to AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1 (b) Use of refrigerant leak detection system</i>		
1. Technical specification of the installed refrigerant leak detection system and its purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
2. As-built schematic drawing showing the location of the refrigerant leak detection system at critical areas of plant room containing chillers and others equipment with refrigerants.	<input type="checkbox"/>	<input type="checkbox"/>
3. Photographic evidences.	<input type="checkbox"/>	<input type="checkbox"/>
4. Describe any deviations or changes to AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-1(c) & (d)</i>		
1. Technical product information of refrigerant used and its purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
2. Describe any deviations or changes to AA submission.	<input type="checkbox"/>	<input type="checkbox"/>