

## Part 4 Indoor Environmental Quality

### NRB 4-5 High Frequency Ballasts/LED Drivers

Actual Assessment Submission

Site Verification Submission

Criteria	Credit Available	Credit Claimed
(1) Use of high frequency ballasts	1	
(2) Use of LED driver	1	

#### Strategies:

#### Declaration:

I hereby declare that the information provided for this submission is truthful and accurate to be best of my knowledge at the time of submission:

Date of Submission:

<b>PROJECT NAME</b>				
<b>SUBMITTING PROFESSIONAL</b>	NAME	DESIGNATION	COMPANY	SIGNATURE
<b>CLIENT</b>	NAME	DESIGNATION	COMPANY	SIGNATURE



**Documentary Evidences:**

*Order of documents to be submitted accordingly and clearly labeled.*

Actual Assessment	Submitter	Assessor
1. Extracts of the tender specification showing the requirement to have high frequency ballasts or LED driver.	<input type="checkbox"/>	<input type="checkbox"/>
2. A summary sheet listing all fluorescent and LED luminaries used for the developments.	<input type="checkbox"/>	<input type="checkbox"/>
3. Electrical lighting layout indicating all the fittings with high frequency ballasts or LED lighting.	<input type="checkbox"/>	<input type="checkbox"/>
4. Product catalogue specifying high frequency ballast for fluorescent luminaries. (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
5. Product catalogue specifying the LED driver with output frequency <200 Hz and <30% flicker for LED lighting. (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
6. Calculation showing at least 90% of the applicable areas that are served by high frequency ballast or LED lighting.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
1. As installed summary sheet listing all fluorescent luminaries used for the developments and those with high frequency ballasts or LED fittings.	<input type="checkbox"/>	<input type="checkbox"/>
2. As-built electrical lighting layout indicating all the fittings with high frequency ballast or LED fittings.	<input type="checkbox"/>	<input type="checkbox"/>
3. As installed product catalogue of high frequency ballasts or LED fittings used and its purchase and delivery order.	<input type="checkbox"/>	<input type="checkbox"/>
4. Calculation showing at least 90% of the applicable areas that are served by high frequency ballast or LED fittings.	<input type="checkbox"/>	<input type="checkbox"/>
5. Photographic evidences of the lighting fittings	<input type="checkbox"/>	<input type="checkbox"/>
6. Describe any deviations or changes from AA submission.	<input type="checkbox"/>	<input type="checkbox"/>