

6	IEQ	6.3 INDOOR AIR QUALITY
		IEQ 8 IAQ IN CAR PARKS
	EXCLUSIONS	Buildings not provided with enclosed or semi-enclosed car parks.
	OBJECTIVE	Meet the minimum requirements of performance in respect of air quality.
	CREDITS ATTAINABLE	1
	PREREQUISITES	None.
	CREDIT REQUIREMENT	1 credit for demonstrating compliance with the design requirements specified in ProPECC PN 2/96.
	ASSESSMENT	<p>The Client shall submit a report prepared by a suitably qualified person demonstrating that the design of the ventilation system meets or exceeds the guidelines given in ProPECC PN 2/96 [1], including provisions for the monitoring and automatic control of air pollution. The report shall include an estimation of peak pollutant loading and the ventilation system performance to meet the maximum concentration of pollutants as listed in ProPECC PN 2/96.</p>
	BACKGROUND	This applies to enclosed and semi-enclosed car parks that rely on mechanical ventilation or mechanically assisted natural ventilation.

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1 Environmental Protection Department. Practice Notes for Professional Persons. ProPECC PN 2/96. Control of Air Pollution in Car Parks. 1996.



Circular Letter No.: 2015.125

Issue Date: 9 March 2015

Application: BEAM Plus NB/EB Version 1.1
BEAM Plus NB/EB Version 1.2

Effective Date: 9 March 2015

IEQ 8 (NB) / IEQ 9 (EB) IAQ in Car Parks

This circular letter announces that the exclusion of the captioned credit has been revised as follows:

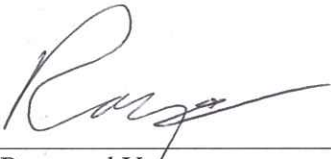
1. Buildings without carpark; or
2. Carpark area less than 10% of Construction Floor Area

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Semi-enclosed car park shall also be included in the assessment. For those semi-enclosed carpark without any mechanical ventilation, it is not necessary for the Applicant to demonstrate the provisions for the monitoring and automatic control of air pollution. However, the Applicant should carry out on-site measurements to demonstrate the levels of CO and NO₂ are in compliance with ProPECC PN2/96.

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Signed : 
Dr. Raymond Yau
Chairperson of Technical Review Committee



Circular Letter No.: 2017.137

Issue Date: 29 May 2017

Application: BEAM Plus NB Version 1.2

Effective Date: Applicable to projects registered after the issue date

IEQ 8 IAQ in Car Parks

This circular letter announces that Public Transport Interchange (PTI) has to be included in the assessment of the captioned credit.

If there is a PTI in the submitted project, the client shall demonstrate the design of the ventilation system of the PTI meeting the guidelines given in ProPECC PN 1/98.

To achieve IEQ 8, the following submittals shall be provided:

1. In Provision Assessment (PA), specification and measurement methodology (including proposed sampling points) shall be provided to demonstrate the commitment of carrying on-site measurement in Final Assessment (FA), and ensure the measurement results of air quality at enclosed carpark and PTI meet the guidelines given in ProPECC PN 2/96 and ProPECC PN 1/98 respectively. 6
2. In FA, on-site measurement conducted by suitably qualified person (e.g. Certificate Issuing Body (CIB)) shall be provided to demonstrate the air quality at the enclosed carpark and PTI meets the guidelines given in ProPECC PN 2/96 and ProPECC PN 1/98 respectively. 7

A handwritten signature in blue ink, appearing to be "KM So", is located above the signature line.

Mr KM So
Chairperson of Standards Sub-committee