

2	<b>SITE ASPECTS</b>	<b>2.3 EMISSIONS FROM THE SITE</b>	
		<b>SA 11 AIR POLLUTION DURING CONSTRUCTION</b>	
	<b>EXCLUSIONS</b>	None.	
	<b>OBJECTIVE</b>	Minimise air pollution during the construction of buildings and the infrastructure serving buildings.	
	<b>CREDITS ATTAINABLE</b>	1	
	<b>PREREQUISITES</b>	Compliance with the Air Pollution Control Ordinance and its subsidiary regulations, particularly the Air Pollution Control (Open Burning) Regulation and Air Pollution Control (Construction Dust) Regulation and Air Pollution Control (Smoke) Regulation.	
	<b>CREDIT REQUIREMENT</b>	1 credit for applying adequate mitigation measures for dust and air emissions during the construction as recommended by the Environmental Protection Department, and demonstrating compliance with the air quality management guidelines as detailed in the Environmental Monitoring and Audit Manual.	1 2
	<b>ASSESSMENT</b>	Where demolition is included as part of the works it shall be included in the assessment.	3
		The Client shall submit confirmation in form of a report from a suitably qualified person that the works have been carried out without violation of the Air Pollution Control Ordinance and no conviction or complaint about air pollution from the site has been upheld by the Environmental Protection Department.	4
		The Client shall present evidence in the form of specifications and contract documents detailing the requirements to control dust and air emissions generated by construction activities. The Client's representative on site shall be responsible for monitoring and reporting on the execution of the instructions. The representative shall confirm in writing to the Assessor that the control of dust on site followed the requirements as laid down in the specifications and contract documents.	5
		The Client shall also present evidence in the form of a report prepared by a suitably qualified person that the monitoring and audit of Respirable Suspended Particulates (RSP) and Total Suspended Particulates (TSP) has been satisfactory for the scale of the works involved. The report shall make reference to the latest best practice guidelines or practices (e.g. Best Practice Guide for Environmental Protection on Construction Sites, etc.)	6
		For major projects compliance with EPD's Environmental Monitoring and Audit Manual [1] is required. For those projects for which this is not a requirement the frequency of the monitoring can be reduced, and/or monitoring undertaken during key phases of construction. For instance, 1-hour TSP monitoring should be undertaken with a sampling frequency of at least three times in every six days, and when the highest dust impact occurs.	7
	<b>BACKGROUND</b>	The Air Pollution Control Ordinance (APCO) is the main legislative framework governing the control of air pollution activities. Air pollution control regulations are enacted under the APCO for specific air pollution control purposes. Under the APCO, air pollution emissions from construction activities are subject to control under five regulations:	

1 Environmental Protection Department, Generic Environmental Monitoring and Audit Manual, Chapter 2, Air Quality.



Circular Letter No.: 2022.182

Issue Date: 7 October 2022

Application: BEAM Plus NB Version 1.1 & 1.2  
BEAM Plus NB Version 2.0

Effective Date: 7 October 2022

**SA 11 Air Pollution during Construction & SA 12 Noise during Construction**  
**(NB v1.1 & 1.2) / IDCM 7a Minimisation of Air Pollution &**  
**IDCM 7b Minimisation of Noise Pollution (NB v2.0)**

1. This Circular Letter provides elaboration on the environmental monitoring requirement for the below types of projects under the captioned credits.

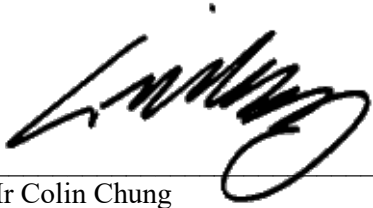
2. **For designated projects (DPs) under the Environmental Impact Assessment (EIA) Ordinance:** 8

- For DPs with dust and/or noise monitoring requirement, the Applicants should provide the EM&A reports submitted to EPD as required under EIA Ordinance with the dust and/or noise monitoring results, to replace the monthly environmental management reports.
- For DPs with NO requirement on dust and noise monitoring, no environmental monitoring is required for BEAM Plus Assessment. Supporting documents (e.g. EM&A manual or EIA report with relevant sections highlighted) shall be provided to substantiate the claim of no requirement on dust and noise monitoring.

3. **For non-designated projects with no nearby air sensitive receiver (ASR) and/ or noise sensitive receiver (NSR):** 9

- Dust and/ or noise monitoring(s) is/ are not required for non-designated projects when the Applicant demonstrates the following:
  - i. Dust monitoring - no existing and planned air sensitive receiver (ASR) is identified within 500 meters measured from the nearest point of the assessment boundary.
  - ii. Noise monitoring - no existing and planned noise sensitive receiver (NSR) is identified within 300 meters measured from the nearest point of the assessment boundary.
- The Applicant shall submit (i) a map of the project site and its surroundings, with clear illustration showing no air and/ or noise sensitive receiver within the above-mentioned distance, and (ii) a declaration letter from suitably qualified person such as contractor's representative (for SA 11 and SA 12 under NB v1.1 and v1.2) or Project BEAM Pro/ Construction BEAM Pro (for IDCM 7a and IDCM 7b under NB v2.0) confirming the study. The Applicant shall make reference to relevant authoritative guidance such as EPD's "Technical Memorandum on Environmental Impact Assessment (EIA) Process" (Annex 12 and Annex 13) when identifying the air and noise sensitive receiver(s). If the planned ASR and/ or NSR will not be ready for occupation before the completion of construction works, it may not be necessary to consider for BEAM Plus Assessment.

4. Nevertheless, completed either (i) air quality and noise mitigation measures checklists (for SA 11 and SA 12 under NB v1.1 and v1.2); or (ii) prescribed forms [IDCM-07-1\_Form and IDCM-07-2\_Form] endorsed by the Construction BEAM Pro or Project BEAM Pro (for IDCM 7a and IDCM 7b under NB v2.0), shall be submitted for all projects to demonstrate the implementation of proactive dust and noise control provisions.



---

Ir Colin Chung  
Chairperson of Standards Sub-committee