

<b>2</b>	<b>SITE ASPECTS</b>	<b>2.3 EMISSIONS FROM THE SITE</b>	
		<b>SA 12 NOISE DURING CONSTRUCTION</b>	
	<b>EXCLUSIONS</b>	None.	
	<b>OBJECTIVE</b>	Minimise nuisance to the immediate neighbourhood caused by noise during the construction of buildings and the infrastructure serving buildings.	
	<b>CREDITS ATTAINABLE</b>	1	
	<b>PREREQUISITES</b>	Compliance with the Noise Control Ordinance.	
	<b>CREDIT REQUIREMENT</b>	1 credit for providing adequate mitigation measures for construction noise for all Noise Sensitive Receivers.	1
	<b>ASSESSMENT</b>	Where demolition is included as part of the works it shall be included in the assessment.	2
		The Client shall submit confirmation in the form of a report from suitably qualified person that the works have been carried out without violation of the Noise Control Ordinance, and that no complaint about noise from the site has been upheld by the Authority (Environmental Protection Department) or the Police leading to the issue of a fine or prosecution.	3
		The Client's representative on site, who shall be a suitably qualified person, shall be responsible for monitoring and shall submit monthly reports confirming that the control of noise on site has met the requirements with reference to the latest best practice guidelines or practices (e.g. Best Practice Guide for Environmental Protection on Construction Sites, etc.), in respect of all Noise Sensitive Receivers as defined in Annex 13 of the Technical Memorandum under the Environmental Impact Assessment Ordinance [1].	4
	<b>BACKGROUND</b>	<p>Due to the high density of buildings, traffic and people, Hong Kong is perhaps one of the noisiest cities in the world. The Government's policy objective for controlling noise pollution is to ensure that a satisfactory noise environment is maintained to safeguard the quality of life of the population. Noise caused by construction activity is a major target for attention. Noise related to construction activities is controlled under the Noise Control Ordinance (NCO) Chapter 400. Despite the introduction of controls under the NCO [2] and general tightening of the controls, construction noise remains a problem.</p> <p>Guidance is given in practice notes issued by EPD and the Buildings Department [3,4]. A Guide, published by the Hong Kong Construction Association (HKCA) [5], aims to enhance the environmental awareness of the construction industry and to provide steps and practical solutions to identify and mitigate environmental problems which are often encountered on construction sites.</p>	

- 1 Environmental Protection Department. EIA Technical Memorandum. Annex 13 Guidelines for Noise Assessment. <http://www.epd.gov.hk/eia/english/legis/memorandum/annex13.html>
- 2 A Concise Guide to the Noise Control Ordinance. Environmental Protection Department. 8th Ed. July 2000. [http://www.epd.gov.hk/epd/english/environmentinhk/noise/guide\\_ref/files/CG\\_E-06n.pdf](http://www.epd.gov.hk/epd/english/environmentinhk/noise/guide_ref/files/CG_E-06n.pdf)
- 3 Buildings Department. Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers. PNAP No. ADV-4 Control of Environmental Nuisance from Construction Sites. August 1997. <http://www.bd.gov.hk/english/documents/pnap/ADV/ADV004.pdf>
- 4 Environmental Protection Department. Environmental Noise. [http://www.epd.gov.hk/epd/noise\\_education/web/ENG\\_EPD\\_HTML/index/index.html](http://www.epd.gov.hk/epd/noise_education/web/ENG_EPD_HTML/index/index.html)
- 5 Hong Kong Construction Association (HKCA). Best Practice Guide for Environmental Protection on Construction Sites. January 2009.



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BEAM Plus NB Version 2.0

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**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:**

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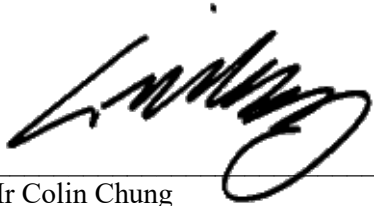
- For DPs with dust and/or noise monitoring requirement, the Applicants should provide the EM&A reports submitted to EPD as required under EIA Ordinance with the dust and/or noise monitoring results, to replace the monthly environmental management reports.
- For DPs with NO requirement on dust and noise 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):**

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- 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.

A handwritten signature in black ink, appearing to read 'Ir Colin Chung', is positioned above a horizontal line.

Ir Colin Chung  
Chairperson of Standards Sub-committee