



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N073	31-Oct-11	15:00	M6 - HK baptist Church henrietta Secondary School	73	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Vibratory hammer was operated during monitoring</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedance.</p> <p>The noise levels of the same location as below: 31 Oct 2011 15:30 73 dB (A) Investigation found that the repeat measurement was exceeded the limit level of construction noise criteria 70dB (A).</p> <p>Notification of exceedance was immediate informed to Contractor of HY/2009/19, RE and IEC when the exceedances were recorded.</p> <p>During the noise monitoring on 31 Oct 2011, temporary piling for construction of working platform for marine bored piling work by vibratory hammer was observed through out the period of noise monitoring. In addition, the vibratory hammer was observed operating above the road level of IECL. Contractor had suspended the work after received the notification on the same day to review the plant operation.</p> <p>Contractor was advised to decrease the frequency of vibratory hammer operation to reduce the noise level.</p> <p>Additional monitoring was conducted on 3 Nov 2011 at 15:00. Temporary piling work conducted by vibratory hammer with a lower frequency was observed during noise monitoring. No further exceedance was recorded after the mitigation measures were implemented.</p> <p>The noise levels of the same location as below: 3 Nov 2011 15:00 70 dB (A)</p> <p>Exceedance caused by the noise from vibratory hammer for temporary work platforms construction during monitoring. Since erection of noise barrier is not practicable on IECL, therefore, the contractor was reminded to control the frequency of the hammer during operation.</p> <p>Remarks / Other Obs: The limit level exceedance was related to high frequency of vibratory hammer.</p>



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X_10N074	31-Oct-11	21:31	M1a - Harbour Road Sports Centre	71	Leq(5-min)	when one documented complaint	70	<p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p>
X_10N075	8-Nov-11	20:35	M1a - Harbour Road Sports Centre	76	Leq(5-min)	when one documented complaint	70	<p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p>



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X_10N076	15-Nov-11	8:56	M7e - IFC-Eastern End of Prodiom	78	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Drilling by drill rig and breaking works for D-wall construction in front of IFC were conducted during monitoring</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedance.</p> <p>The noise levels of repeat-measurement at the same location as below: 15 November 2011 09:38 76 dB (A) Investigation found that the repeat measurement was exceeded the limit level of construction noise criteria 75 dB (A).</p> <p>Immediate notification was given to Contractor of HY/2009/18, RSS and IEC when the exceedances were recorded.</p> <p>During the noise monitoring on 15 November 2011, drilling by drill rig and breaking works for D-wall construction in front of IFC without noise barrier and no abnormal work were observed through out the period of noise monitoring. Contractor had suspended the works after received the notification on the same day to review the plant operations.</p> <p>Regarding to the noise exceedance recorded, the Contractor was advised to properly erect the noise barriers as far as practicable for the drilling and breaking works.</p> <p>Additional monitoring was conducted on 18 November 2011 at 11:30. Drill rig and breaker operated at the concern area with fully erected moveable noise barrier, drilling by drill rig and breaking works for D-wall construction were observed during noise monitoring. No further exceedance was recorded after the mitigation measures were implemented. The noise levels of the same location as below: 18 November 2011 at 11:30 75 dB (A)</p> <p>Exceedance caused by drilling and breaking works in which it was conducted near the monitoring station and noise barriers were not erected during excavation works during the monitoring. The noise level recorded at 11:30 on 18 November 2011 reduced to within the limit level when the works were conducted with fully erected noise barriers. The contractor was reminded to provide and erect noise barriers for all noisy operations.</p> <p>Remarks / Other Obs: The limit level exceedance was due to drilling and breaking works with no noise barrier. The effectiveness of the mitigation measures adopted would be closely monitored in coming scheduled noise monitoring dates to prevent further occurrence of exceedance</p>



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X_10N077	15-Nov-11	19:21	M1a - Harbour Road Sports Centre	72	Leq(5-min)	when one documented complaint was received.	70	<p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: Construction work for Contract no. HK/2009/02 was complied with the conditions under valid Construction Noise Permit no. GWR50983-11 during the measurement; It is concluded that the exceedance was not due to the Project.</p>
X_10N078	21-Nov-11	21:08	M2b - Noon day gun	73	Leq(5-min)	when one documented complaint	70	<p>Possible reason: Traffic noise from Victoria Park Road contributed as a noise source during monitoring.</p> <p>Action taken / to be taken: Analysis of contractor's working procedure and plant group used.</p> <p>Remarks / Other Obs: The rectification work for Contract no. HY/2009/15 was complied with the conditions under valid Construction Noise Permit no. GW-RS1021-11 during the measurement. It was considered the exceedance was not project related.</p>
X_10N079	21-Nov-11	20:39	M1a - Harbour Road Sports Centre	74	Leq(5-min)	when one documented complaint was received.	70	<p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p>
X_10N080	21-Nov-11	19:10	M7e - IFC-Eastern End of Prodiun	72	Leq(5-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic noise from Finance Street contributed as a noise source during monitoring.</p> <p>Action taken / to be taken: Analysis of contractor's working procedure and plant group used.</p> <p>Remarks / Other Obs: The construction work for Contract no. HY/2009/18 was complied with the conditions under valid Construction Noise Permit no. GW-RS0993-11 during the measurement. It was considered the exceedance was not project related.</p>