



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N061	19-Jul-11	16:13	M7w - IFC-Western End of Prodium	83	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Shteet pilings 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 the same location as below: 19 July 2011 16:45 77.8 dB (A) Investigation found that the repeat measurement was exceeded the limit level of construction noise criteria 75 dB (A).</p> <p>Notification of exceedance was immediate informed to Contractor of HY/2009/18, RE and IEC when the exceedances were recorded.</p> <p>During the noise monitoring on 19 July 2011, sheet piling work was observed through out the period of noise monitoring. In addition, two vibratory hammers were observed operating in the same time. 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 vibrator operation and decrease the number of plants operating in the same time to reduce the noise level.</p> <p>Additional monitoring was conducted on 21 July 2011 at 15:30. Sheet piling work conducted by one 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: 21 July 2011 15:30 72 dB (A)</p> <p>Further investigation of the effectiveness of the mitigation measures of sheet piling was conducted intermittently on 4 August 2011 during day time no monitoring, a vibratory hammer which was operated for sheet piling works was observed during monitoring and no exceedance was recorded.</p> <p>The noise level of the same location as below: 4 August 2011 09:45 66.4 dB (A)</p> <p>Remarks / Other Obs: The limit level exceedance was related to high frequency of sheet piling work and too many plants worked on the same time.</p>