

### Action and Limit Level

#### Action and Limit Level for Noise Monitoring

| Time Period                            | Action Level                               | Limit Level                |
|--|--|----------------------------|
| 07:00 – 19:00 hours on normal weekdays | When one documented complaint is received. | 75 dB(A) <sup>Note 1</sup> |

Note 1:

- 70dB(A) and 65 dB(A) for schools during normal teaching periods and school examination periods, respectively.
- If works are to be carried out during the restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

#### Action and Limit Level for Air Monitoring

| Monitoring Location     | 1-hour TSP Level in $\mu\text{g}/\text{m}^3$ |             | 24-hour TSP Level in $\mu\text{g}/\text{m}^3$ |             |
|-------------------------|--|-------------|---|-------------|
|                         | Action Level                                 | Limit Level | Action Level                                  | Limit Level |
| CMA1b <sup>Note 2</sup> | 320.1  | 500         | 176.7   | 260         |
| CMA2a                   | 323.4  | 500         | 169.5   | 260         |
| CMA3a <sup>Note 2</sup> | 311.3  | 500         | 171.0   | 260         |
| CMA4a                   | 312.5  | 500         | 171.2   | 260         |
| CMA5b <sup>Note 2</sup> | 332.0  | 500         | 181.0   | 260         |
| CMA6a <sup>Note 2</sup> | 300.1  | 500         | 187.3   | 260         |

Note 2:

- As per facing owner's rejection in allowing the implementation of long-term air quality impact monitoring at their premises, alternative monitoring stations and justification were proposed for IEC verification and EPD approval.
- The established Action and Limit Levels from the baseline air monitoring will be adopted to the alternative monitoring stations.

#### Action and Limit Level for Water Monitoring

| Parameters                   | Dry Season |       | Wet Season |       |
|------------------------------|------------|-------|------------|-------|
|                              | Action     | Limit | Action     | Limit |
| <b>WSD Salt Water Intake</b> |            |       |            |       |
| SS in $\text{mg L}^{-1}$     | 13.00      | 14.43 | 16.26      | 19.74 |
| Turbidity in NTU             | 8.04       | 9.49  | 10.01      | 11.54 |
| DO in mg/L                   | 3.66       | 3.28  | 3.17       | 2.63  |
| <b>Cooling Water Intake</b>  |            |       |            |       |
| SS in $\text{mg L}^{-1}$     | 15.00      | 22.13 | 18.42      | 27.54 |
| Turbidity in NTU             | 9.10       | 10.25 | 11.35      | 12.71 |
| DO in mg/L                   | 3.36       | 2.73  | 3.02       | 2.44  |

Remarks:

- Action and Limit Level for the wet season are applied after the EPD approval of Updated EM&A Manual on 29 April 2011.

#### Action and Limit Levels for Odour Patrol

| Parameters   | Action  | Limit  |
|--|---|--|
| Odour Nuisance (from odour intensity analysis or odour patrol) | <ul style="list-style-type: none"> <li>• When two documented complaint are received; or</li> <li>• Odour Intensity of 2 is measured from odour intensity analysis.</li> </ul> | <ul style="list-style-type: none"> <li>• Five or more consecutive genuine documented complaints within a week; or</li> <li>• Odour Intensity of 3 or above is measured from odour intensity analysis.</li> </ul> |