

Appendix 4.8

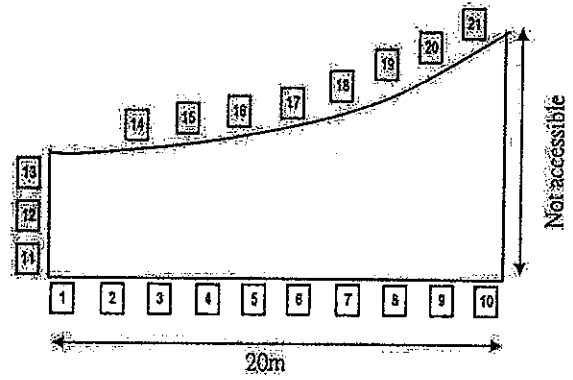
**Noise Measurement
Results of Ammonia
Stripping Plant**

Ammonia Stripping Plant Noise Measurement

Monitoring Date: 22 March 2006

Monitoring Time: 10:00

Location	1.2m above ground	4m above ground
1	76.6	75.3
2	74.5	73.8
3	76.0	76.3
4	79.3	76.8
5	79.4	78.3
6	80.6	80.4
7	82.1	82.2
8	81.5	82.2
9	81.6	82.4
10	80.2	80.4
11	79.2	77.9
12	76.8	77.8
13	76.3	75.2
14	76.5	76.6
15	76.6	76.4
16	77.8	76.8
17	77.8	78.6
18	79.6	80.3
19	82.6	80.3
20	84.1	81.9
21	84.2	82.9
Average Measured Noise Level, dB(A)		80



For conservative approach, the maximum measured noise level was used for SWL calculation

Sound Power Level of ammonia stripping plant = $80 + 20 \log r + 8$

where r is 1m

Sound Power Level of ammonia stripping plant = 88dB(A)