

Table 4.6

Meteorological Conditions at Site

| Sl. No. | Parameters | Highest | Lowest | Monthly Average |
|---------|-------------------------------------|---------|--------|-----------------|
| 1. | Temperature (⁰ C) | | | |
| | • Maximum (⁰ C) | 29.0 | 21.0 | 26.6 |
| | • Minimum (⁰ C) | 19.0 | 14.0 | 16.8 |
| 2. | Dry Bulb at 08:30 (⁰ C) | 23.5 | 20.0 | 21.4 |
| 3. | Dry Bulb at 17:30 (⁰ C) | 25.5 | 20.0 | 23.0 |
| 4. | Wet Bulb at 08:30 (⁰ C) | 20.0 | 17.0 | 18.4 |
| 5. | Wet Bulb at 17:30 (⁰ C) | 20.5 | 18.0 | 19.4 |
| 6. | Relative Humidity (%) | | | |
| | • At 08:30 (%) | 80 | 65 | 70.2 |
| | • At 17:30 (%) | 78 | 65 | 69.4 |
| 7. | Atmospheric Pressure (mb) | | | |
| | • At 08:30 (mb) | 1005 | 1003 | 1004 |
| | • At 17:30 (mb) | 1001 | 999 | 1000 |
| 8. | Wind Speed (kmph) | | | |
| | • Day Time | 8.1 | 2.9 | 4.4 |
| | • Night Time | 5.5 | 1.2 | 3.0 |
| | • Day + Night Time | 6.4 | 2.0 | 3.6 |

Note: Measurements were carried out from 20/01/2009 to 22/02/2009.