**Design Data**

The design data includes the ambient conditions such as pressure, humidity and temperature of the proposed location for the steam power plant in Brgy. Lumaniag, Lian, Batangas.

**Table 1.0**

**Ambient Condition in Brgy. Lumaniag, Lian, Batangas**

|  |  |  |
| --- | --- | --- |
| **Pressure** | **mbar** | **1013.0** |
| Humidity | % | 77 |
| Temperature |  |  |
| Design Temperature | °C | 28 |
| Max. Temperature | °C | 36 |
| Min. Temperature | °C | 22 |

Table 3.0 shows the surrounding weather conditions in the proposed location at Brgy. Lumaniag, Lian, Batangas. The atmospheric pressure is 1013 mbar and the air has a relative humidity of 77 %. For the temperature of the location, the chosen design temperature is 28 °C as the maximum and minimum temperatures are 36 °C and 22 °C respectively.