| **Source of Emission** | **Emission e.g.**  **odour, noise, dust, ammonia, run-off, spillage** | **Receptor**  **Air, water, land,**  **Humans, plants** | **Description of Impact and**  **Duration of impact i.e. short term (ST), medium (MT) or long term (LT)** | **Significance of negative impacts:**  **major +++**  **moderate ++**  **minor +**  **nil 0** | **Mitigation / Management Measures**  **e.g. installation planning, technical measures** |
| --- | --- | --- | --- | --- | --- |
| **Biomass Burner** | Exhaust | Air  Land  Plants | Direct toxic effect on trees (ST) | + | * Regular maintenance by qualified engineer |
|  | Odour | Humans | Nuisance (ST) | + | * Regular maintenance by qualified engineer * Operated to manufacturers recommendations |
|  | Noise | Humans | Nuisance (ST) | + | * Regular maintenance by qualified engineer * Operated to manufacturers recommendations |
|  | Roofwater | Water | None | 0 | * Roof water clean directed to clean drainage |
|  | Ash | Land | None | 0 | * Ash to be contained in sealed bin |
|  | Fire | Air Water Land Plants | Toxic effect on receptors (ST) | ++ | * Operated to manufacturer’s guidance, routine maintenance and servicing, checks on failsafes. |