Unit 301: Understand the fundamental principles and requirements of environmental technology systems

# Worksheet 4: Biomass

Using your notes and the internet (refer to Resource 1, ‘Micro-renewable energies’) answer the following questions:

|  |  |
| --- | --- |
| 1. | State briefly with examples, how biomass can be considered a sustainable energy source. |
|  |  | |

|  |  |
| --- | --- |
| 2. | It is said that biomass ‘virtually carbon neutral’. Describe briefly what this means and why biomass is not carbon neutral. |
|  |  |

|  |  |
| --- | --- |
| 3. | List the Approved Documents of the Building Regulations that are applicable to biomass systems. |
|  |  | |

|  |  |
| --- | --- |
| 4. | List **six** advantages of biomass. |
|  |  | |
|  |  | |
|  |  | |
|  |  | |
|  |  | |
|  |  | |

|  |  |
| --- | --- |
| 5. | List **seven** disadvantages of biomass. |
|  |  | |
|  |  | |
|  |  | |
|  |  | |
|  |  | |
|  |  | |
|  |  | |