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ENVIRONMENTAL MANAGEMENT PLAN

Environmental Aspects

According ISO 14001. to an environmental aspect is an element of activities, products, or services of an organisation that has or may have an impact on the environment. Based attributed environmental on consequences, the organisation's significant environmental aspects are defined according to working areas and work activities. The indicated activities should interact with the environment and, if not effectively controlled, will have negative implications and consequences. Table 3.1 shows the list of environmental aspects according to working areas and related activities. The environmental aspects are identified based on walk-through surveys and interviews with key persons. Since UiTMCS has various services and work activities, the environmental aspects are organised according to working areas.

Office operations, as well as teaching and learning activities, are the main fundamental activities of UiTMCS. These working areas are the largest consumer of electricity. Hence, Facility Management Unit always ensures that the environment of UiTMCS is safe and well-maintained by performing routine maintenance and cleaning services. Regular mending activities that generate construction trash such as cement, glass, and bricks are uncommon. However, the cleaning activities that take place use a substantial amount of detergent and sanitisers to combat the microorganism and pathogen within some areas of the campus. To add, Facility Management Unit is also in charge of landscaping work such as lawn maintenance and trimming which may lead to green waste. The Agriculture Unit on the other hand, grows a range of crops and carries out agriculture and aquaculture operations like hydroponics and fish farming. Apart from that, each campus of UiTMCS has a clinic that provides health services to students and staff. The clinic acts as the sole source of collecting clinical waste including biological specimens such as blood samples, human tissues and physical hazards such as used syringes and needles.

Presently, UiTMCS offers many science technology courses which laboratory experiments in their curriculum. These activities usually generate a moderate amount of chemical waste, the most of which is in low concentration. For the computer and engineering laboratories, the types of waste produced are mostly on materials and electronic parts. Paints, solvents, and art materials such as cardboards, papers, and crafts are commonly utilised in fine arts and architecture work studios. Institutional wastes such as papers and plastic packaging usually come from a variety of sources, including the office, hostels and classrooms. The canteen and dining halls are primarily responsible for the production of food and organic wastes. This source also has the potential for releasing grease and oil to the nearby drain and causing water pollution.

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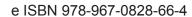
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