

Hardscape

The area of a project site, excluding buildings, made with hard materials, including roads, car parks, patios, courtyards and walkways.

Hazardous Fumes or Chemicals

Fumes/gases or chemicals that can adversely impact human health when inhaled or when they come into contact with a person's skin; also includes fumes/gases and chemicals that can create a hazardous condition (such as explosive or flammable substances).

Hazardous Waste

Any waste material that can cause substantial harm to humans, properties or to the environment due to its inherent hazardous characteristics. Hazardous waste takes the form of solid, liquid, sludge, gas or any combination thereof.

Heat Island Effect (HIE)

Heat Island Effect occurs when warmer temperatures are experienced in urban/developed areas compared to adjacent undeveloped areas due to solar energy retention on constructed surfaces. Some of the surfaces that contribute to the Heat Island Effect are paved streets, sidewalks, parking lots and buildings.

Heat Load Calculation

The heat load calculations are the process of calculating the total heat generated inside the building by various sources. These calculations must be submitted to Dubai Municipality for approval. These calculations must be submitted to Dubai Municipality for approval. These calculations must be based on the design of the building to be constructed and follow the form and use the parameters required by Dubai Municipality.

Heat Load Calculation Parameter

The design parameters used in Heat Load calculation according to Dubai Municipality requirements.

Heating, Ventilation, and Air Conditioning (HVAC) System

The equipment, distribution systems and terminals that provide either individually or collectively, the processes of heating, ventilating, or air conditioning to a building or a portion of a building.

Heat Rejection Equipment

Equipment, which is used to disperse the heat produced in the air conditioning process. Heat rejection equipment, such as cooling towers, may be located outside of the building envelope; however it may also be a component of the air conditioning equipment, such as with window or split systems.

Heavy Metals

A metal of relatively high density or of high relative atomic weight. Examples are cadmium, chromium, mercury, arsenic etc.