

Building Owner

The person or establishment (government or private) that owns the building and/or the land on which the building works (construction, refurbishing, demolition, or removal of a building) is to be performed or their representative.

Building Works Permit

Permit issued by authorized department from the Dubai Municipality to permit building permits on specific land as per drawings, specifications, and regulations.

Building services

All necessary services required to operate the building such as plumbing, mechanical, electrical and others.

Carpet

A fixed floor covering of natural or synthetic material that is woven onto a batting. This excludes rugs and other non-permanent woven coverings.

Carpool Vehicles

Shared vehicle used, especially for commuting to work and often by people who each have a car but travel together to save cost, to reduce driving stress and to promote other socio-environmental benefits. Vehicles must be registered with the Dubai Road and Transport Authority (RTA).

Central Business District (CBD)

The old area of Dubai as defined on the Land Use and Classification System or any other area classified by Permitting Authorities that has special requirements.

Central Control and Monitoring System (CCMS)

A computer-based control system that controls and monitors the mechanical and electrical equipment, such as ventilation, lighting, power systems, fire systems and security systems in a building or controlling and monitoring a number of buildings.

Central Plant

The main equipment within a building or series of buildings which provides cooling, ventilation, heating, water, and other services to the whole building or buildings. The central plant is typically in a central location.

Certified Timber

Timber certification is a process that results in a certificate (written statement) attesting to the origin of wood raw material and its status and/or qualifications, often following validation by an independent third party. Certification is intended to allow participants to measure their forest management practices against standards and to demonstrate compliance with those standards. Timber certification generally includes two main components: certification of sustainability of forest management (which occurs in the country of origin) and product certification (which covers the supply chain of domestic and export markets).

Chlorofluorocarbons (CFCs)

CFCs are odourless, colourless, non-flammable non-toxic chemicals. They vaporise easily at low temperatures making them ideal coolants in refrigerators and air conditioners. CFCs are also used in foam for seat padding and insulation. Until recently, they were used extensively in aerosol spray cans. CFCs cause stratospheric ozone depletion.

Composite Wood Products

Products such as plywood, panel substrates, door cores, particle board and medium density fibreboard.

Condensation

The process through which a gas or vapour changes to liquid form. Also defined as the water which is produced in this process.

Construction Activity

Includes all activities that are part of new construction, alteration, repair, maintenance, refurbishing, and any other physical changes to a building.

Construction and Demolition Waste

Waste generated from construction, renovation and demolition or deconstruction of structures. Land clearing debris including soil, vegetation and rocks are typically not considered construction and demolition waste.

Contractor

Natural or considerable person registered and licenced to practise contracting profession in the Emirate of Dubai.

Control Systems

Controls that allow users to change/adjust the level of lighting and air conditioning in a space.

Control Zone (HVAC)

A space or group of spaces with heating or cooling requirements that is sufficiently similar so that desired conditions (e.g. temperature) can be maintained throughout by using a single controller. The zone may be part of a larger space, an individual office or a small dwelling.

Cooling Coil

A coiled arrangement of tubing or pipe for the transfer of heat between a cold fluid and air.

Cooling Load

The amount of cooling that a building will require to meet the conditions specified by Dubai Municipality. The cooling load will be determined by the output of the Heat Load Calculation required by Dubai Municipality.

Cooling Tower

Heat removal devices used to transfer process waste heat to the atmosphere. Cooling towers may either use the evaporation of water or rely solely on air to cool the working fluid. Common applications include removing heat from the water used to cool refrigeration chillers.

Corrective Maintenance

Maintenance service or procedures intended to fix equipment failure or damage. This service is carried out in response to a fault and not planned in advance.

Cycles of Concentration

The level of solids in the re-circulating cooling tower water in comparison to the level of solids of the original raw make up water. If the circulating water has three times the solids concentration of the make up water, then the cycles of concentration are three (3).