

102.01

Competent Authority

- a) The Competent Authority for the Green Building Regulations is Dubai Municipality.
- b) Dubai Municipality may choose to devolve this power to any other organisation in Dubai including Free Zone regulators and other third parties.

102.02

Energy Compliance Method

There are two compliance routes for energy performance in buildings. The standard method is referred to as the Elemental Method; the alternative method is referred to as the Performance Method.

- a) Elemental Method: All buildings must comply with each of these regulations.
- b) Performance Method: Alternatively, a calculation method may be employed for a building which may not comply with all the elemental requirements of those Articles listed in Table 102.2 (1).

The Performance Method, using a calculation tool such as dynamic thermal modelling, must compare the annual energy consumption of the proposed building with that of a reference building which meets all the elemental requirements listed in Table 102.2 (1). The reference building must be equal in shape, size and operational patterns to the proposed building.

Compliance with the Green Building regulations will be demonstrated if the annual energy consumption of the proposed building is equal to or lower than the annual energy consumption of the reference building.

Table 102.02 (1)

Green Buildings Regulations for Elemental Method of Energy Compliance

304.04	Orientation of Glazed Facades
501.01	Minimum Envelope Performance Requirements
502.01	Energy Efficiency– HVAC Equipment and Systems
502.04	Lighting Power Density - Interior