

406.01 Legionella Bacteria and Building Water Systems

For all new and existing buildings must apply the technical guidelines issued by Dubai Municipality which includes:

- A.** All water systems and networks which creates a water spray or aerosol including but not limited to cooling towers, evaporative condensers, hot and cold water systems, showers, evaporative air coolers, spas, fountains, misters, ..etc must be periodically maintained, cleaned, disinfected and checked periodically to minimize the risk of Legionella bacteria or germs contamination in accordance with the technical guidelines issued by Dubai Municipality regarding the control of Legionella bacteria in water systems.
- B.** All water systems equipments and accessories including but not limited to potable water network, hot and cold water systems, water tanks, pumps, pipes and fittings, must be maintained, cleaned and disinfected.
- C.** Sampling and testing must be carried out for the presence of bacteria/germs and Legionella bacteria
- D.** All equipments and devices of swimming pools, spa pools, whirlpool baths, hydrotherapy pools and Jacuzzi must be maintained, cleaned, disinfected and checked periodically.
- D.** All equipment's and devices of irrigation system must be maintained, cleaned, disinfected and checked periodically

Specialized companies approved by Dubai Municipality must do water tests and sampling. All test results must be recorded and kept along with the records of maintenance and remedial works at site to be checked by Dubai Municipality.

406.02 Water Quality of Water Features

For all new and existing buildings, all Water Features with a water storage volume of over 1,000 liters and which creates a water spray or aerosol including but not limited to waterfalls, ponds, streams, ...etc must be maintained, cleaned, disinfected and checked periodically to minimize the risk of Legionella bacteria or germs contamination and not exceed the maximum limits outlined in the technical guidelines issued by Dubai Municipality.

