

# What is a Cooling Water System?

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Under the Public and Environmental Health (Legionella) Regulations 2008 (the Regulations) a cooling water system is defined as:

- > A heat exchange system that consists of a heat-generating plant, a heat-rejection plant, interconnecting water recirculating pipe work and associated pumps, valves and controls, and includes a cooling tower or evaporative condenser.

### Please Note

- > A cooling water system may include an individual cooling tower, or a number of inter-connected cooling towers that utilise the same recirculating water.
- > If the cooling towers on the site do not share the same recirculating water then they are considered to be separate cooling water systems.

## What is a Cooling Tower?

Under the Regulations, a cooling tower has the same meaning as in AS/NZS 3666.1, which is defined as:

- > A device for lowering the temperature of water by evaporative cooling in which atmospheric air is in contact with falling water, thereby exchanging heat. The term also includes those devices that incorporate a water refrigerant or water-water heat exchanger.

## What does this mean?

- > All cooling water systems must be registered with the local council.
- > Fees associated with registration, registration renewal and annual inspection apply to each cooling water system.

## Where to find more information

### Your Local Council

Your local council is the key local contact for registration and general advice about *Legionella* and compliance with the Public and Environmental Health (Legionella) Regulations 2008.

### Department of Health - Environmental Services Section

Telephone: (08) 8226 7100

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