

Constant  
Flow Rate  
Regardless  
of Pressure



Est. 1963

## Valve Applications

# Industrial Applications

Industry requires controlled water flow in numerous applications. Maric Flow Control Valves are often used in the following applications;

- **Safety showers & eye washing equipment** – ensures adequate flow to all shower stations, controlled flow = safe flow to eyes.
- **Fire fighting**
  - guarantees availability of adequate flow to all hydrants in the event that they all require water at the same time
  - controlled max flow ensures safe and correct flow from each nozzle - for use in conjunction with smaller nozzle for correct dosing of foaming agent. See also pump protection section.
- **Liquid ring vacuum pump seal/service liquid**
- **Industrial linen washing machines** – controlled flow maintains mains pressure.
- **Distilleries and cooling equipment** – minimises waste, by controlling condenser cooling water flow.
- **Power station** – demineralization water treatment equipment.
- **Plant washdown hoses**
- **Dust suppression** – ensures consistent flow from all spray nozzles.
- **Chemical Dosing Flow Control**

**See also:**

- **Glandwater and mechanical seal flow control** – refer *Mining* page 9 for more information
- **Industrial water and wastewater treatment** – refer *Water Treatment & Filtration Equipment* page 11 for more information
- **Centrifugal pump protection** – refer *Pump Protection (Centrifugal)* pages 15 & 16 for more information

*Maric valves control gland-water flow rate to three stage slurry pumping facility at Roxby Downs uranium mine South Australia*

*Valves for North Sea oil Rig and tanker fire fighting*

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