

Level Control Valves

(across all markets)

To correctly select the optimum level control valve for your application we require to best understand your installation requirements. If this questionnaire can be returned to BWT, we can ensure the correct product is supplied fit for purpose. Note: We have requested a high degree of information that may not all be available. Simply supply what you can and we can discuss a product most suitable.

- Application:**

- | | | | | | |
|--------------|--------------------------|------------|--------------------------|-----------------|--------------------------|
| Water Supply | <input type="checkbox"/> | Irrigation | <input type="checkbox"/> | Fire protection | <input type="checkbox"/> |
| Building | <input type="checkbox"/> | Mining | <input type="checkbox"/> | | |

- Liquid:**

- | | | | |
|----------------|--------------------------|----------------------|--------------------------|
| Drinking water | <input type="checkbox"/> | Raw, untreated water | <input type="checkbox"/> |
|----------------|--------------------------|----------------------|--------------------------|

- Tank/Reservoir design:**

- | | | | | | |
|-------------------|--------------------------|-------------------|--------------------------|------------------------|--------------------------|
| Above ground tank | <input type="checkbox"/> | Reservoir/dam | <input type="checkbox"/> | Elevated storage tower | <input type="checkbox"/> |
| Below ground tank | <input type="checkbox"/> | Turkey's nest dam | <input type="checkbox"/> | | |

- Tank design:**

- | | | | | | |
|------|--------------------------|----------|--------------------------|-------|--------------------------|
| Poly | <input type="checkbox"/> | Concrete | <input type="checkbox"/> | Steel | <input type="checkbox"/> |
|------|--------------------------|----------|--------------------------|-------|--------------------------|

- Tank height:**m

- Is the water supplied from a dedicated pump just to fill the tank

- | | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

- What is the inlet pipe diameter feeding the tank:mm diameter

- What is the difference in the TWL (top water level) to the elevation of the control valve itself
.....m

- Top water level ism above the valve orm below the level of the valve

• **Water supply:**

If supplied from a pump...

What is the anticipated valve inlet pressure at the design flow rate

.....L/s @ valve inlet & pressure of

.....kPa

If supplied from a pressurised pipeline that supplies multiple applications at once...

If so what is the range of inlet pressures available at the valve inlet

.....kPa to

.....kPa

What is the desired flow rate required to the fill the vessel inL/s

- Will the valve be
 Mounted horizontally Vertically flow upwards

- Do you require the valve to close at one level and re-open at a lower low level. If so, what is the difference in height between levelsm

- When the valve opens as well as controlling level, do you require any of the following features:
 Pressure sustaining (keeping inlet pressure to a set value)
 Yes No
 Flow limiting (limiting flow to a maximum value)
 Yes No
 Slow opening and closing feature
 Yes No

- Is there a preference for the connections?
 Flanged Threaded Unknown at this stage

- Pipeline class: PN

- Pipeline material:

Steel/DI Poly GRP
PVC

- Additional comments:
.....
.....

Submitted by: Date:/...../.....

Project name: (optional)