



White Paper: DCL/Klinger Magnetic Level Gauge Solution for WWTP



Application:

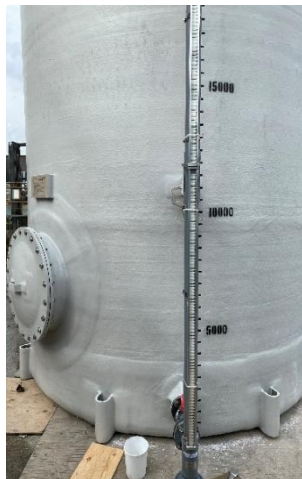
The Highland Creek Wastewater Treatment plant in Scarborough, ON required a reliable solution for liquid level indication and measurement for their new FRP (Fibreglass Reinforced Plastic) holding tanks containing 10-20% Sodium Hypochlorite.

- High and low level dry contacts for alarming to a PLC.
- Visual Indication length = 175"
- All parts coming in contact with the liquid shall be Schedule 80 CPVC
- Valves at the top and bottom with an additional drain valve

Solution:

Our MLG product specialist assessed the demands of the application and offered our CPVC configuration of the Davis/Klinger Magnetic Level Gauge.

This solution is particularly suitable for duties where dangerous/toxic liquids are involved and where the following features, benefits and options are required:



- Immediate and accurate response to level changes, giving clear and sharp legibility
- Continuous indication of liquid level; local and remote display
- C1D1 Point switching
- No leakage to atmosphere
- Automatic float failure warning
- Display can be rotated through 360° regardless of float position



- High pressure & temperature capability – up to 200 bar unvented and up to 400°C (in St.St. configurations)
- Standard SG range 0.4 – 2.2
- Display unit protection IP67

Result:

Customer was very happy with the Davis/Klinger Magnetic Level Gauges. They found the units to be easy to read, accurate and virtually maintenance free.