

Flygt Dry Pit Submersibles Simplify Operation & Maintenance



Leaking seals cause environmental hazard

Problem: In today's economic climate operation, maintenance, repair and energy budgets are at all time lows. Customers are looking for ways to save every dollar by doing more with less staff and money. Many pump stations with conventional vertical pumps, shafting



Shafting alignment and lubrication

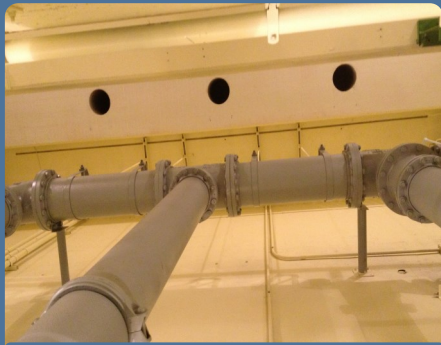


Bearing maintenance required

and external seal water requirements can eat away at precious funds and provide for a dangerous working environment for municipalities personnel. Clogging impellers, shaft alignment, vibration, seal failures, extreme noise, (In some cases over 100 dB) abrasive media wear, and bearing maintenance are a few items that can diminish funds and fast.

Solution: The Flygt dry pit submersible can address the above concerns saving money through increased efficiency, maintenance and improving safety for the operations and maintenance personnel. The Flygt dry pit submersible pump offers the industry leading "N" impeller design. The "N" impeller provides true non-clog pumping which will commonly reduce energy costs by 25% or more. Maintenance is dramatically reduced as the Flygt dry pit submersible pump requires no seal water, seal water piping, solenoids, drains, shaft alignment, pillow block bearing adjustments, guard painting or bearing maintenance.

Flygt Dry Pit Submersibles Simplify Operation & Maintenance



Shafts removed from station

The pumping assembly is designed for continuous operation in a non-submerged or fully submerged environment.

The motor is inverter rated



Cover plates replaced motors

per NEMA MG1, Part 31 and is available premium efficient. Flygt dry pit pumps also come standard with seal fail and high temperature monitoring. If a seal failure were to occur all leakage is contained in the pump versus being spilled on the floor or flung on the walls making a very nasty mess. Customers are often concerned with impeller and insert ring wear as many pump stations have grit and sand in the pumped media. Flygt has addressed those concerns by offering hi-chrome impeller and insert ring as standard on pumps above 10hp. (Optional 10hp and below) This material upgrade provides 10 times better wear resistance when compared to standard cast iron. Flygt also backs all of these features and benefits up with a standard 5 year pro-rated warranty. Flygt dry pit submersible pumps will not only save energy, operations and maintenance costs they will improve the safety of our most precious asset, our people, while simultaneously keeping insurance rates low.



Flygt dry pit submersible pumps provide quiet, reliable, cool running, safe and efficient operation for peace of mind