



Application Story

Another
Corrosion
Problem
Solved.™

Aquarium - Life Support System

Products Installed:

- 4", 6", 8", & 12" manual and electric Type 57 Butterfly valves
- Series 87 electric actuators for 6" and 10" Type 57 Butterfly valves
- Plasgear gear operators

Application:

Liquid: Seawater Concentration: --
Temperature: Ambient Pressure: 50 psi
Buried or Above Ground: Above Ground



Asahi/America's Type 57
Butterfly Valve with Plasgear
gear operator



No one visits an aquarium to see fish swimming around in a cloudy tank. That is why a large Northwest Aquarium took great pains in choosing a valve to use in their renovation and expansion project that called for the addition of a 120,000 gallon sea life viewing exhibit and large wave tank.

The exhibits will feature salt water fish, sea animals and plants indigenous to the area. The vulnerability of the marine life to such factors as pH levels, salt content and chemicals puts great emphasis on a dependable life support system. Even slight variations in any of the factors could have devastating effects on the ecosystem.



Asahi's Butterfly Valves were chosen for the project. With thousands of valves currently installed in aquarium life support systems around the world, this aquarium chose Asahi's actuated butterfly valve because they knew Asahi's valves would provide high performance and reliability. They discovered that our valves offered the superior corrosion resistance that their new life support system required.

The Type 57 butterfly valve's thermoplastic corrosion resistant features are ideally suited to the seawater environment of the life support system. Only the solid and abrasion-resistant plastic disc and elastomeric liner come in to contact with the media, ensuring long valve life.

The manually operated valves are used as isolation valves to cater to specific areas within the life support system. Each valve is equipped with Plasgear, the first thermoplastic gear operator in the industry. The all plastic enclosure provides a higher degree of corrosion resistance over typical aluminum or cast iron enclosed gear boxes.



Our proven dry stem technology and thermoplastic corrosion resistant components have produced lasting results and confidence in our valves throughout the Aquatic Industry and that's no "fish story".

for more information visit www.asahi-america.com