



CASE STUDY

BASF INDIA LTD



Overview

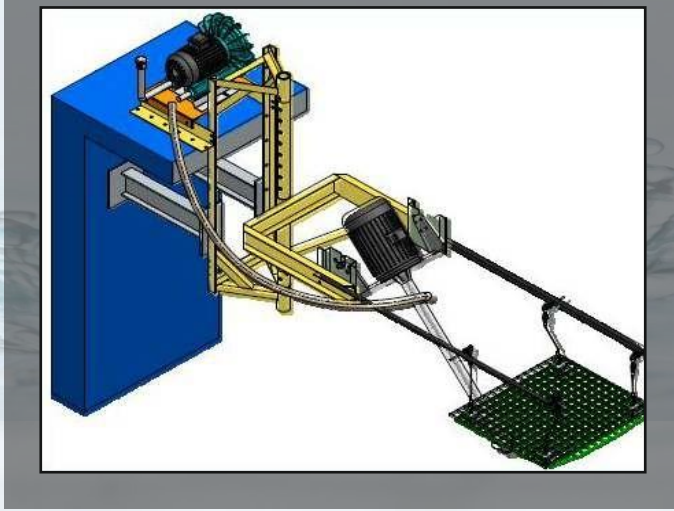
At BASF, they create chemistry for a sustainable future, combined economic success with environmental protection and social responsibility. Their portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF has successfully partnered India's progress for more than 125 years, with all global businesses maintaining a presence in India except for Oil & Gas.

Today, BASF India Limited, the flagship company of BASF in India, is a public limited company with 73.33% of the shares held by BASF SE. BASF and its Group companies maintain key production sites at Dahej, Mangalore, Ankleshwar, Thane and Chennai. The Mangalore site is BASF's largest manufacturing site in South Asia (in terms of area). BASF also maintains two R&D centers in India, in Mumbai and Mangalore, which are part of BASF's global technology platform. BASF SE holds 90% of BASF Catalysts India Pvt. Limited through its Group companies.

BASF has three existing Aeration tanks and the total volume we have is 800m³. They were looking for best solution to treat the effluent which is generating in the company.

Challenges

Challenges at BASF is wide generating of contain organics, alcohols, ammonia, nitrates, phosphorous, heavy metals such as cadmium and suspended solids. The biggest concern was sludge settlement over the total volume.



Solution

As a sample to review the performance, we have offered 5HP Triton aerator. And after certain duration BASF satisfied with the Triton Aerator performance and given repeat order of 2 x 30 HP Triton Kit With SS304 Wall Mount Assembly – 15, 2 x 20 HP Triton Kit With SS304 Wall Mount Assembly – 15, and 2 x 7.5 HP Triton Kit With SS304 Wall Mount Assembly - 15

Result

With the Aire-02 Tritons installation, BASF is seeing their effluent quality returns. Additional Benefits from the use of Aire-02 tritons have been observed by BASF since installation is...

- *High Oxygen Transfer rate and mixing at very low power*
- *Very Low Maintenance*
- *No Down Time While Maintaining Equipments*
- *And consistent aeration that does not foul or clog*

Impact

They are also seeing significant resource saving: as the Aire-02 Tritons are durable in this chemical environment, required little maintenance and downtime is no longer a concern.

Solution

Questions on how we can help and solve the challenges you're facing with your diffused aeration system? Contact us +91 9687693899. Together we can create most innovative solutions for your wastewater challenges.



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