

MBBR System

The Moving Bed Bio-Reactor (MBBR) Technology is a type of system, which helps purify water efficiently and effectively. The system is increasingly adopted by several industries, because it has qualities to improve reliability, simplify operations and most importantly it requires less space than those old-age wastewater treatment systems.

Since MBBR system brings multiple benefits to our clients, as a reputed water treatment manufacturer and supplier in Pune, India, we use this technology. This system integrates a heavy amount of polyethylene bio-film and, carriers wastewater treatment basin.



What important news about MBBR system is that its each bio-carrier boosts production level by providing a secured surface area for supporting the growth of heterotrophic and autotrophic bacteria within its cells. It is a high-density population of bacteria, which achieves high-rate biodegradation within the system, while also offering process reliability and ease of operation.

What makes MBBR system apart from other technologies is that, it provides you with water treatment solutions at rock-bottom prices. It requires minimum maintenance as it has features of maintaining its optimum level of productive bio-film.

Moreover, the MBBR system integrates fixed-film technology wherein it attaches bacteria inert biological carrier profiles (bio-elements, bio-media, bio-logical carriers). They are further retained within the reactor by screens. This is how it demolishes the need for a return activated sledges system and reduces the requirements for subsequent filtration steps.

In this fast-paced world, every industry looks for MBBR system implementation, especially if they have limited space and are searching for an affordable solution to treat water.