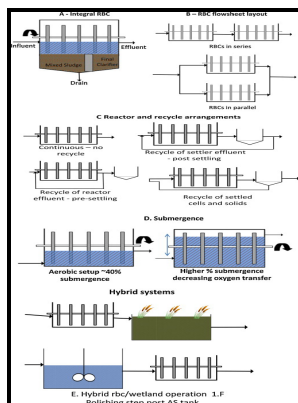


Effects of pressure on aerobic biological wastewater treatment using rotating biological contactors

- - Rotating Biological Contactor RBC



Description: -

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Also the diagram shows the higher efficiency of HMBR than the RBC in removing the suspended solids because of the membrane performance. To maintain the quality of water, its need the treatment of wastewater.

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In the preferred embodiment, approximately 70-100% of the RBC is submerged. This is due to the fact that the increase in the concentration of hydrocarbons on biofilm distorts the cellular metabolism of microorganisms and prevents them from using carbon molasses for their metabolism and reproduction.

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Primary effluent dissolved oxygen; 7.

Rotating Biological Contactor RBC

The equation may be used for RBC design during the summer months; however, a temperature correction factor should be used for the cold winter months. Screening and comminution are not suitable as the sole means of preliminary treatment ahead of RBC units.

Biological Treatment

In an SBR, there are four distinct stages, including filling, aeration, settling, decanting, and idle.

Biological Treatment

To attain secondary effluent quality standards, secondary clarifiers must be used in conjunction with RBCs. No significant difference was seen between the two groups.

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