



International Journal of ChemTech Research CODEN (USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555 Vol.13 No.01, pp 11-24, 2020

Sequential Batch Reactor for Bio Degradation of Organic Wastewater: A Review

Acharya Neela¹*, Thakur Chandrakant¹, Chaudhari Parmesh Kumar¹

¹Department of Chemical Engineering, National Institute of Technology, Raipur, India

Abstract : Wastewater treatment is challengeable in today's scenario, as it contains many types and varying physical and chemical pollutants which enormously effect the environment and its living beings. The current review elaborates treatment of various organic effluents using sequential batch reactor (SBR). Reactor operating conditions like anaerobic, anoxic and aerobic in single or mixed forms have been covered in the review. Literatures say that SBR can be used to treat many organic, industrial and municipal wastewater (MWW) successfully. Strict effluent characteristics from government force the individuals to treat the effluent to such extent so that it can match the discharge norms of wastewater.

Keywords : Aerobic Process, Anaerobic Process, Biological Oxygen Demand, Chemical Oxygen Demand, Sequential Batch Reactor.

Acharya Neela *et al* / International Journal of ChemTech Research, 2020,13(1): 11-24. DOI= http://dx.doi.org/10.20902/IJCTR.2019.130102
