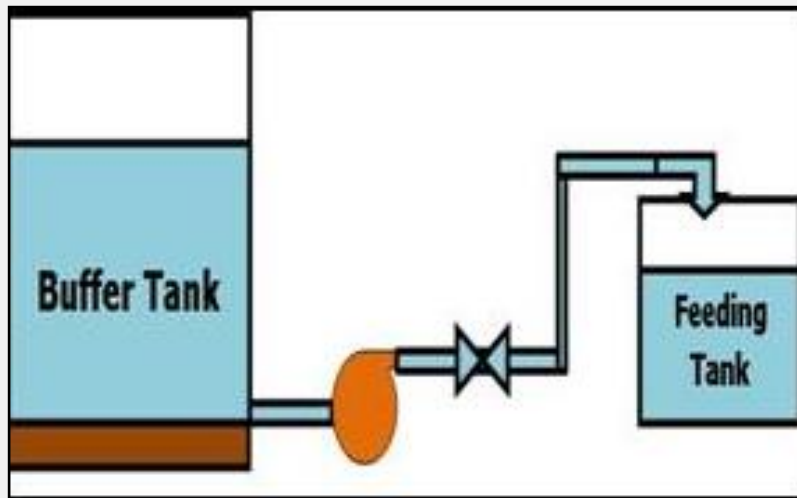


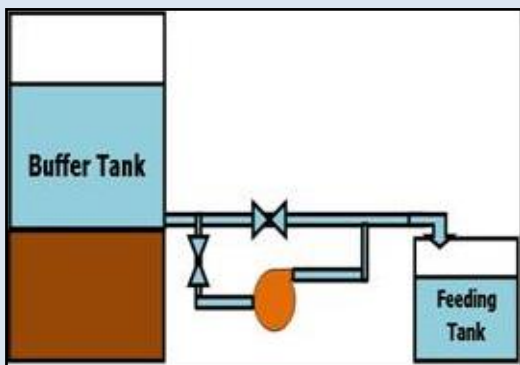
Process Optimisation

Situation before: The effluent generated in a pharmaceutical industry was being pumped from the buffer tank to the feeding tank by a 3 hp pump with only 20% valve opening at pump discharge, leading to an inefficient operation of the pump.



IMPROVEMENT DONE

The height of the buffer tank was raised, to transfer the effluent from the buffer tank to the feeding tank by means of gravity. The use of the 3 hp pump was avoided.



ECO IMPACT

Savings/year: Rs. 53,700

Cost: Rs. 10,000

Simple payback: 0.19 years