

## **HOW TO SELECT RIGHT SYSTEM FOR LIQUID SOLID SEPARATION**

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There are so many issues and application in Liquid solid separation we need to perform in our process of various type of industries for various reasons, and with wide range of conditions.

At the end of the day we need to find out the performance level, quantum and cost of it. that too is for man, machine and materials. Each of them having influence on the entire process and outcome based on time, cost and effort.

Based on what we need and what we achieve, we can select the right system so that we can use the resources, wisely with optimum mode, we can get maximum possible desired result, we can reduce the cost by eliminating unnecessary process, reducing time or effort, controlling wastage and so on.

Some time we use such a big system or using so much of filter media or even the carry away of the solid or the liquid, cost too much. Even some time the cost of operation, down time, cleaning for the next batch etc. becomes a matter of worry.

Based on some basic formula, character of the solids and liquid, quantum of the same, physical character and chemical composition of the same, to attain the govt rules and management policy, we can select the right system that can pay us the maximum of it.

We can discuss here very simply but meticulous way to derive a system that will be most benefitted with the need of the organisation, need of the day.

We will present this story with some case studies from different type of application be it a big or small so that we can derive the right strategy to select the right system for liquid solid separation.