



- A Agitator
- B Visit Hatch
- C Over flow & draining valve
- D Outlet nozzle
- E Water piping system
- F Level measuring



Introduction

In order to bring an engineered turnkey solution to our customers, SODIMATE designs make-up tanks for the lime slurry or activated carbon suspension in addition to our powder discharge and feeding equipment.

Principle of operation

These make-up tanks in Black HDPE, painted carbon or stainless steel include agitator, water piping system with solenoid valves, level control system, flow meter and necessary nozzles for pumping, drainage, "loop" design ... Completely sealed to prevent dust emissions, they are available in "standard" designs with capacities ranging from 500 to 3000 litres. In order to provide a solution specifically designed to meet your needs, calculations are carried out according to your specifications (flow consumption, concentration, minimum storage capacity ...) to design the tank with appropriated volume.

In the case of lime slurry make-up system we take into consideration such factors as: homogenization of the lime solution, powder moistening, fineness of mixing generated by agitator speed increase... In order to improve the final mix quality, the tanks are fitted with anti-vortex baffle plate, essential for homogeneous lime solution or activated carbon suspension.

ADVANTAGES

- Special design upon request
- Full integration of the tank in turnkey plant
- Completely sealed
- Specifically designed for lime slurry and activated carbon suspension
- Low maintenance
- Long term experience

Sodimate

Chemical Make-up Tank

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