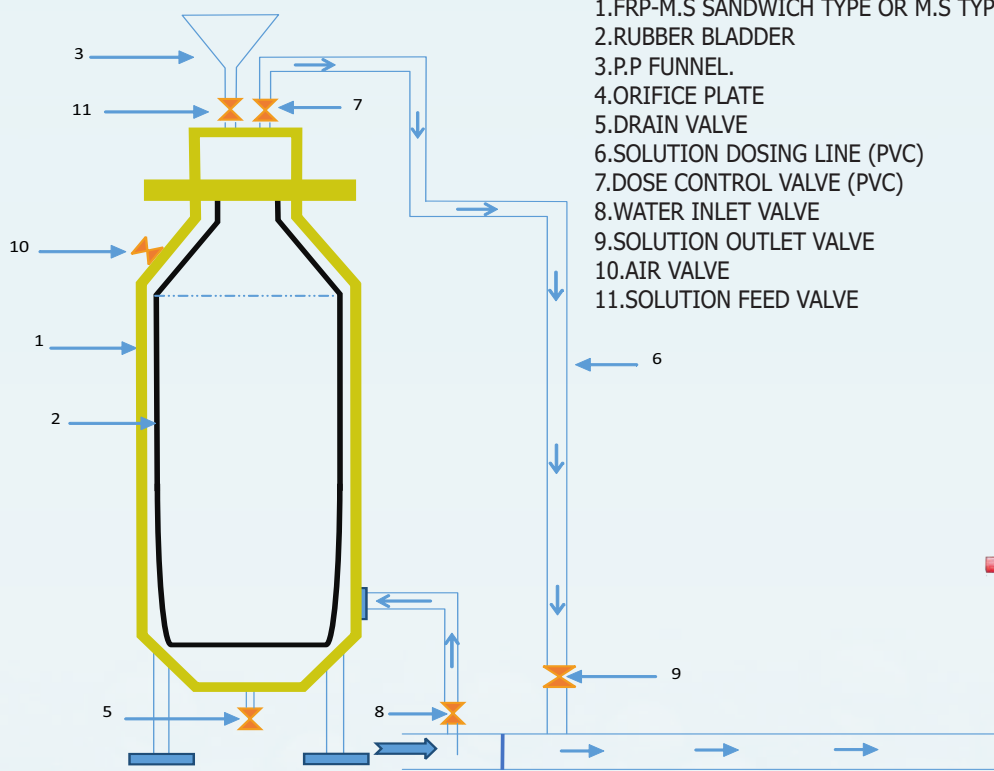


SATHYA SAI

BLEACHING POWDER DOSER.



- 1.FRP-M.S SANDWICH TYPE OR M.S TYPE DOSER
- 2.RUBBER BLADDER
- 3.P.P FUNNEL.
- 4.ORIFICE PLATE
- 5.DRAIN VALVE
- 6.SOLUTION DOSING LINE (PVC)
- 7.DOSE CONTROL VALVE (PVC)
- 8.WATER INLET VALVE
- 9.SOLUTION OUTLET VALVE
- 10.AIR VALVE
- 11.SOLUTION FEED VALVE



Operation Instructions:-

1. Open The Drain Valve Provided At The Bottom And Open Valve No.10
2. Open Air Release Valve No.4
3. Allow Water From The Doser To Drain Off.
4. Open The Solution Feed Valve No 11 For Solution Inlet
5. Put The Solution And Lastly Close No 11 And No 4 Valve And Open The Control Valve No 7. And Valve No. 9
6. Allow Pure Water Through Valve No 8
7. Close Air Valve When Water Comes Out From Valve The Unit Is Ready For Next Operation.

Preparation Of The Bleaching Powder Solution:- It Is Experimentally Established That If T.c.l Powder Is Left Open To Atmosphere The Chlorine Escapes Into The Air And He Residual Remains As Waste. Hence, Open The Bag Of T.c.l Powder Of 50 Kg And Take-out Required Quantity There From. Mix It Well With Water And Allow It To Settle Down Then Remove Only Liquid Portion From It For Using It (liquid) In The Doser. The Residual Material Is Of No Further Use Hence, Can Be Thrown Away.

NOTE:- DESIGN AND SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE.

| CAPACITY OF DOSER IN GALLON | BLEACHING POWDER PER CHARGE IN LBS/KG | SODA ASH PER CHARGE IN LBS | P.P.M | QAUNTY OF CHLORINATED WATER OBTAINABLE PER CHARGE IN GALLON | NORMALLY WORKING PRESSURE IN PSIG | MAX WORKING PRESSURE IN PSIG |
|-----------------------------|---------------------------------------|----------------------------|-------|---|-----------------------------------|------------------------------|
| 8 | 3.2/1.5 | 0.65 | 1 | 80,000 | 20 | 5 |
| 16 | 6.4/3 | 1.3 | 1 | 1,60,000 | 20 | 50 |
| 24 | 9.6/4.5 | 1.5 | 1 | 2,40,000 | 20 | 50 |
| 32 | 12.8/6 | 2.6 | 1 | 3,20,000 | 20 | 50 |
| 48 | 19.2/9 | 3.9 | 1 | 4,80,000 | 20 | 50 |

Note:- DO NOT STIR THE SOLUTION AGAIN BEFORE CHARGING THE UNIT.



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