



ISO 9001  
:2015 UNI EN ISO 9001



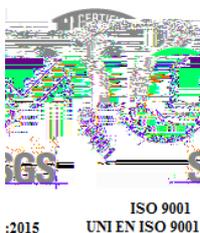
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- WATER TREATMENT SYSTEM -

- 5) Each pump is installed with its own non-return valve, filter and anti-cavitation system fitted on its intake pipe
- 6) A small part of the pumped flow, returns into the collection tank to supply the fluidization ring
- 7) All the DTP system is filled of water and it operates completely under the pressure given by the initial pump. This is maintained right through to the processing machines.
- 8) Several visual and electronic pressure meters control the pumps' work and provide information to the main CPU.

DECONCENTRATOR

- 9) This is the main tank where the physical - dynamic separation, between water and glass mud, occurs
- 10) The dirty water is pumped into a small hole in the bottom part of the tank and then flows out from the top of the tank almost completely cleaned.
- 11) Inside the Deconcentrator there is a particular fixed circuit, that forces different speeds in the water flow, which achieves the separation of the suspended solids and particles of glass from the main body of water
- 12) The glass mud remains automatically in two chambers in the lower part of the Deconcentrator
- 13) The clean water, at the end of this circuit, flows out from the top of the tank
- 14) The glass mud is regularly disposed off from the Deconcentrator by the programmed operation of 2 pneumatic valves (see **SLUDGE DISPOSAL**)
- 15) The sequence of the 2 pneumatic valves operation is at scheduled times controlled by the



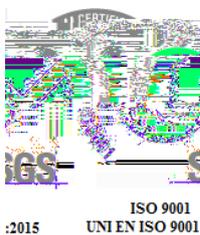
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22) The dirty water discharged during the self-washing cycle returns into the initial collection tank.

SLUDGE DISPOSAL (from the Deconcentrator)

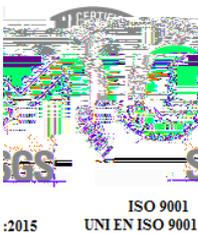
23) The Deconcentrator's two sludge discharge lines with water which is heavy charged wi



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