



GANESH ENVIRO SYSTEMS PVT LTD



PRESSURE SAND FILTERS / MULTI GRADE FILTER / DUAL MEDIA FILTER

Sand filtration is the most frequently used, robust method to remove suspended solids from water. The Filter consists of a multiple layer of sand with a variety in size and specific gravity. The Filters are designed to remove turbidity and suspended particles present in the feed water with minimum pressure drop. Water enters the filter and percolates through the filter bed. The Suspended matter present in the water comes in contact with the media particles and are trapped on the top of the bed. Clean water then goes via the filtration nozzles through the filter outlet. Cleaning of this filter is done periodically by backwashing. Water is introduced in the reverse direction of the service flow, i.e. from the outlet nozzle upwards causing suspension of the turbid material in the filter bed & finally flushing out through the backwash valve. The Filter is then down rinsed & clear water is taken in the system.

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