

INDION

Multi Grade Filter

Product Description

Multigrade filter is a depth filter that makes use of coarse and fine media mixed together in a fixed proportion. This arrangement produces a filter bed with adequate pore dimensions for retaining both large and small suspended particles. This filter performs at a substantially higher specific flow rate than conventional filters. Specific flow rates of 0.82 – 1.64 ft/min have been successfully obtained for treating waters containing 25 – 50 ppm suspended solids respectively to produce filtrate with less than 5 ppm.

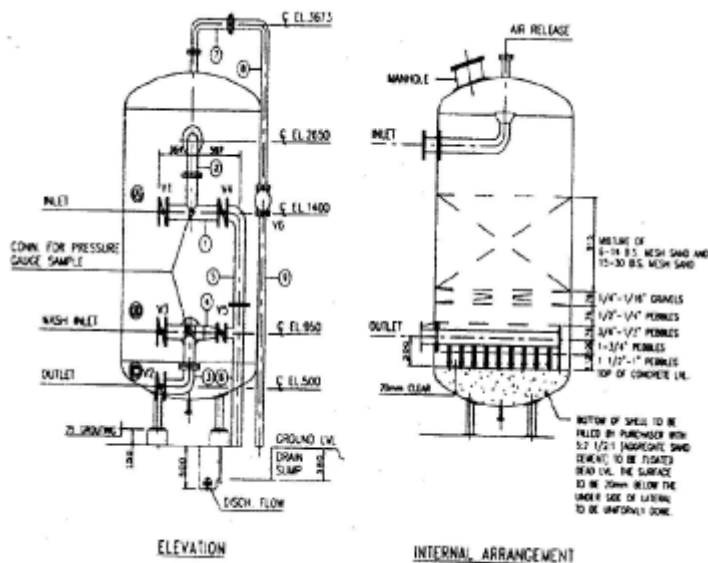


Fig-1 - Elevation and internal arrangement of the multigrade filter

Features

- Higher specific velocity
- Raw water can be used for backwashing the filter

Applications

The INDION Multigrade filter is an ideal choice for all applications where a conventional sand filter is used. It is extensively used in side stream filtration of cooling water and in potable water treatment. It is ideal for filtration of clarified water. In addition it finds application in sea water filtration and in filtration of chemical solutions. For these types of filtration rubber lined or epoxy painted filters are used.