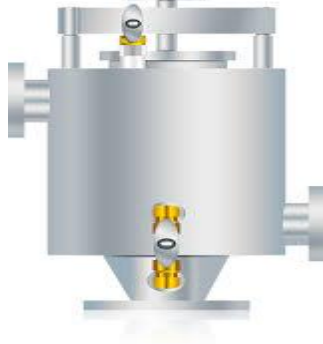


The Belfield Decantation valve is increasingly in demand on Environmental Protection Grounds.



Throughout all industries where "Waste Water" is decanted from process or storage vessels to the Effluent Treatment Plant, the Belfield Valve is applied as an environmental protection device to minimise the possibility of accidental discharge of oil, solvents or chemicals into Final Effluent Treatment Plant.

Chemical Industry

Below are but a few examples showing the wide range of materials handled:

Frequently, varying two phase systems are placed through the same batch vessel or carry on a series of "washings" within the vessel. In this instance, multiple valves are not necessary, provided temperatures are relatively similar and both phases have similar specific gravity with temperature. It is then possible to find the closest approach of specific gravities that will arise and ballast the float accordingly, then the valve will work even more effectively in these circumstances where the specific gravities diverge. If n doubt, provide the maximum information possible on specific gravities for both phases and temperatures involved for each phase system, or after each "wash", contact the factory for application assistance.

In general, a mixture of gravity discharge and pumping systems will be found with pumping systems predominating.

Typical Two-Phase application

- Toluene/Water
- Benzene/Water
- Xylene/Water
- Nitrobenzene/Acid
- Nitrobenzene/70% Sulphuric Acid
- Toluene/Dichloraniline
- Ortho Dichlorobenzene at 80OC
- Organica/10% Sulphuric Acid @ 90OC
- Aniline/Water @ 60OC
- Sodium Sulphite/Organic Nitrile Oil
- Naphtha/Water
- Petroleum Spirit/Water
- Heavy Fuel Oil/Water
- Gas Oil/Water
- Light Distillate/Water
- Aviation Spirit/Water
- Aviation Spirit/Paraffin

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