

Standard Tank Features

2.1. Manlid

Fig 2.1 a

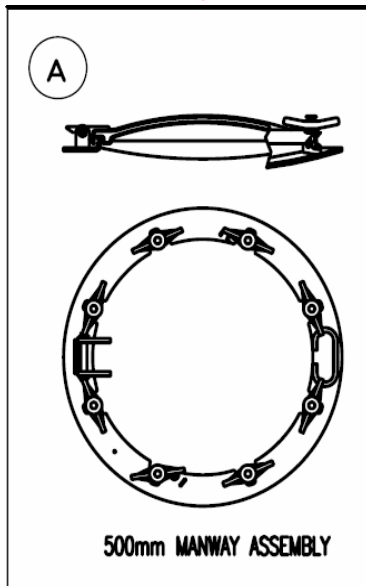


Fig 2.1 b



Innovacion tanks are fitted with a 500mm diameter centrally located manhole with a stainless steel man-lid incorporating a gasket. Eight swing bolt assemblies secure the lid. The lid is designed to enable access into the tank for inspection, repairs, cleaning, etc. It may also be used as a top filling access point.

The lid is opened by loosening the 8 nuts and removing these nuts and spring washers. The bolts can then be removed. The lid can then be removed to the side. The hermetic (vapour tight) seal with the vessel is enabled using a gasket, fitted into the groove of the manlid. Care should be taken when opening the manlid due to internal pressure build-up during transport.

Note: Care must be taken to ensure that it is kept closed at all times during transport.

2.2. Pressure Relief Valve

As per the requirements of the IMDG code, a pressure relief valve is fitted to the top of the tank. The valve is designed to protect the tank against accidental over-pressure or excessive vacuum and should not, under any circumstance, operate during normal service conditions. The valve is an independent safety device and should not be used or relied upon for any other function.

Fig 2.2 a

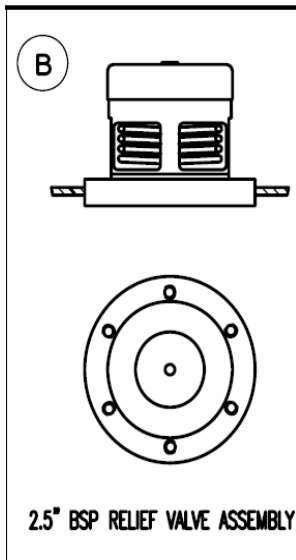


Fig 2.2 b



2.3. Airline Valve

Tanks are provided with a 1.5 inch BSP airline ball valve with cap. This connection can be used during filling, discharging or testing.

Fig 2.3 a

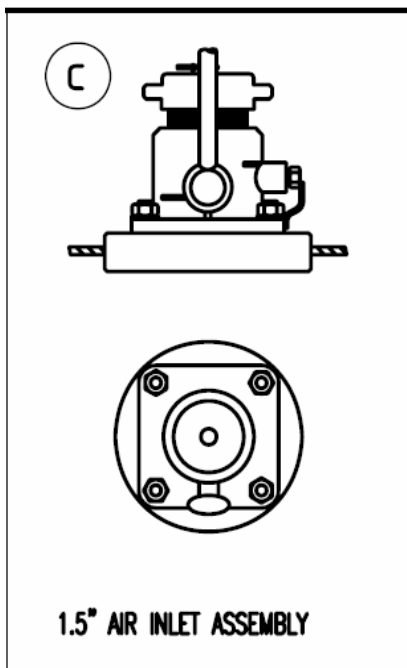


Fig 2.3 b



2.4. Top Outlet Provision

3" blank flange fitted to vessel for future addition of top outlet.

Fig 2.4 a

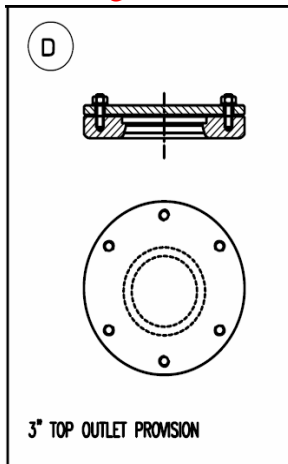


Fig 2.4 b



2.5. Bottom Outlet

The tanks have a triple shut off system consisting of an internal stainless steel foot valve operated by an external handle, biased-closed by a spring, butterfly valve and 3" BSP outlet, blanking cap and chain.

Fig 2.5 a

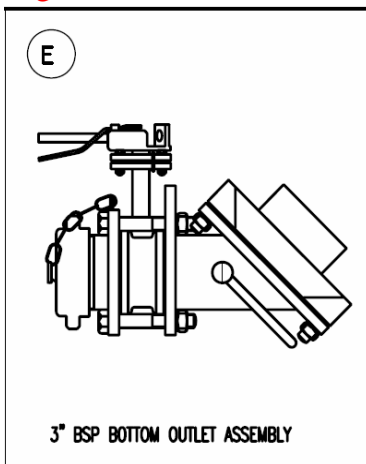


Fig 2.5 b



Fig 2.5 c



Bottom cabinet cover Takigen snap lock

2.6. Dipstick bracket

A stainless steel dipstick bracket is provided for future addition of dipstick.

Fig 2.6



2.7. Extensional ladder, Walkway and Collapsible Safty Handrail

Extensional ladder (Fig 2.7a), anti-slip walkway (Fig 2.7 b) and collapsible safty handrail (Fig 2.7 c) are provided on the tanks for easy and safe access to top fittings and top corner castings.

Care should be taken not to walk directly on the tank to avoid damage to the shell.

Fig 2.7 a



Fig 2.7 b



Fig 2.7 c



2.8. Sign-writing and Nameplates

All valves and fittings are marked to indicate their function and how they may be opened and closed. Mandatory decals are also fitted for information regarding serial number, capacity, weight, container type, approvals, etc.

Fig 2.8

