

Features

- *Distribution of the condensate return through sparge pipework
- *Distribution of the flash steam from blowdown heat recovery through sparge pipework
- *Flow of cold make up feedwater through sparge pipes for even distribution in the tank
- *For steam injection stainless steel manifolds can be supplied, installed horizontally at low level within the tank. Injectors are angled to give good heat distribution.

Typical Connections

32mm B.S.P. socket for temperature feeler.

32mm B.S.P. socket for temperature sensing pocket.

150mm nominal size flanged nozzle for vent.

100/150mm nominal size flanged condensate return pipes.

100mm nominal size flanged nozzles for steam injection.

Connections for closed circuit sight gauge if required (level glass).

32mm B.S.P. socket for sample point.

100mm nominal size flanged nozzle for overflow.

50mm B.S.P. socket for cold feed.

50mm B.S.P. socket for gauging/level switches.

50mm nominal size flanged nozzle for drain.

100mm nominal size flanged nozzle for outlet.

150mm nominal size flanged blow down pipes (Flash steam).

Flanges to BS 4504 PN16 or BS 10 table 'F' unless otherwise requested.

Fitted as standard with a 600mm inside diameter access manway.

Connections can be altered to suit your specific requirements.

Header pipes and flange stub pipes from seamless tube schedule 40.

Screwed connections and internal pipework manufactured in 304 L or 316 L stainless steel.

Header pipes and sparge pipes suitably anchored within the tank.

Available in plate thickness 6mm/8mm/10mm carbon steel or stainless steel according to requirements.

Fabricated generally in accordance with BS 799.

The tank is internally lined with high temperature epoxy paint for up to 100°C, to overcome the problem of corrosion.

The main tank and stiffeners from carbon steel to BS EN 10 025: 1993: S 275.

Finished externally in two coats of red oxide primer; or other if required.

Pressure tested prior to despatch and certificates issued.

Factory fabricated at our Birmingham works.

External caged ladders and platforms can be fitted or internal stainless steel access ladders.

All J A Envirotanks Hotwell/Boiler Feedwater Tanks are designed to operate at ambient atmospheric pressure.

Site surveys available on request for replacement of existing storage tanks.

