

TANK MODIFICATION

SOFT DRINKS MANUFACTURER

Customer requirements: To utilise and upgrade three existing tanks for use in a water purification process. The three tanks were not used at this time and all three were joined at a high level.



Flexible baffles were used as concerns were raised with the movement that could occur due to expansion and contraction. Other smaller flanges would need to be fitted to the tanks to suit the new requirement.

The tanks were measured and marked to ensure all levels were accurate. Holes were cut into the tanks to accommodate the new pipework.

The area was ground back around the hole to expose the internal polypropylene liner and to ensure a good bond was achieved between the new flange and existing tank. The celmar backed polypropylene flanges were positioned into the tank and hot air welded internally and externally. Metal tape was applied over the weld externally and the flange was inspected and spark tested internally.

The holding vessels were then prepared and coated with a flexible acrylic to complete the project.



Having utilised three existing dormant tanks and altering them to serve a new purpose the savings on this project were substantial.

References and customer approval can be supplied for this project if requested.

Please contact us on 08701 650900 for further information on our services.