

Riser deck to tank	394 ft [120 m]
Vertical to main deck	105 ft [32 m]
Washwater required	65 bbl
Barite solids removed	47.6 tonUK

Background

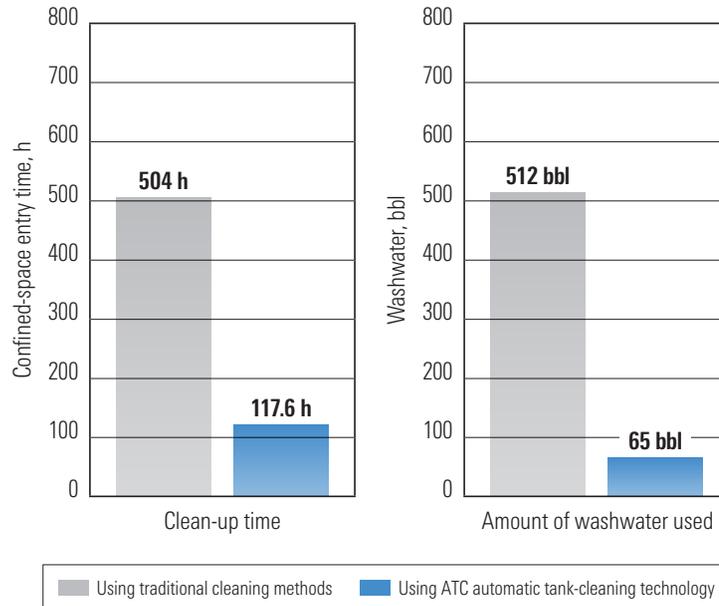
An operator in the UK sector of the North Sea needed to clean a P-16 column tank using ATC* automatic tank-cleaning technology. Previously, service providers spent 504 h of confined-space entry time using traditional cleaning methods, which involved workers inside the tank using hoses, pressure washers, shovels, and squeegees. The task was not only slow, but it also posed unnecessary HSE risk potential.

Technology

ATC automatic tank-cleaning technology

ATC Technology Cuts Clean-Up Time in Half

Hours spent in confined space entry decreased by 77%



The ATC technology cleaned the tank in 250.48 h, representing a 50.3% reduction in cleaning time. A total of 117.6 h of confined-space entry was required, which amounts to a reduction of 77% compared with the total confined-space entry time required by the previous manual cleaning operation. Only 65 bbl of washwater was required to clean the tank compared with 512 bbl used in the past, amounting to a reduction of 87% in freshwater use. Total barite solids removed was 47.6 tonUK.