



# **DELTA SERVICE**

## **MAN ACCESS TO BRICK TANKS**

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# MAN ACCESS CREATION MASONRY TANKS

(Decree of the President of the Italian Republic N ° 177/2011 Places suspected of pollution or confined)

Law 177 of 2011 places significant constraints on company personnel access to aqueduct tanks, particularly those built before the law came into force. Constraints that translate into greater management costs in terms of resources, time and related costs.

In order to reduce risk factors and related tasks, Delta Service proposes the creation of access to the tanks using 80 cm watertight portholes that allow for the reduction of dangerous situations when accessing and exiting the tanks (or tubs) and, if necessary, a rapid recovery in the event that personnel are taken ill or in the event of an accident, using the "porthole door".



## Realization



Access is achieved by drilling 800 cm of core into the tank wall. The through hole is drilled in a single solution using a special cutter.



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Holes can be made in any type of wall, concrete, brick, stone, reinforced concrete, up to 2 m thick.



A flat fixing flange, a counter-flange to support the door, with a food-grade rubber gasket (interchangeable), and a door with assisted opening to facilitate centering and hermetic closing are installed on the internal wall of the tank, in AISI 304 stainless steel. The whole is sealed with waterproofing mortar certified for food use.

## Predispositions

Our portholes are already prepared for the possible installation of a waterproof food-grade PVC sheet to eliminate any leaks or leaks from the wall part of the tank/tub.

