

# HERLI

An innovation by **SOLYD**

For 40 years, SOLYD in partnership with actors in the field has been offering **innovative and high-performance solutions** for connecting DRINKING WATER to homes worldwide. Our high quality equipments are designed to fight against Non Revenue Water (NRW). We offer innovative and powerful solutions for water authorities.

SOLYD trades HERLI products as an exclusive and privileged partner.

HERLI is located in the area of Strasbourg (France) and was created in 1992. We operate in France, Europe and worldwide.

HERLI combines different skills (chemistry, mechanics, hydraulics, logistics, marketing) around a central know-how: knowledge of the networks and the structures that compose them.

## OPERATING MODE



Safety is HERLI's first priority. To guarantee everyone's safety and peace of mind, HERLI offers a global solution : products, operating methods, application materials, training. We make the difference !

With HERLI, your security requirements are taken into account from start to end.

- Humans' safety.
- Security of installations.
- Products' safety control throughout the whole supply chain.
- Safety of the environment (disinfectant neutralization).
- Control of health, technical and environmental risks.



### Extract FROM THE FRENCH STANDARD SANITARY REGULATIONS: (published in the J.O. on 13/09/78)

#### TITLE 1 - WATERS INTENDED FOR HUMAN CONSUMPTION

##### Article 7 - Water storage:

###### 7.1. General precautions, stagnation:

Distribution networks and storage structures must be designed and operated in such a way as to avoid prolonged stagnation of the supply water. The networks must be equipped with draining devices; They must be operated as often as necessary and at least twice a year, for all points in the network where traffic is not constant.

###### 7.2. General requirements for tanks:

The tanks must be protected against all pollution from outside sources and against significant temperature rises.

They must be easy to access and their installation must make it possible to check their tightness at all times.

A device must be installed allowing a water sample to be taken upstream and immediately downstream of the tank.

All the materials constituting the tanks must meet the requirements of article 3 of this legal text.

After each intervention may contaminate tank's water, **and in any case, at least once a year, the tanks are emptied, cleaned and disinfected.**

For tanks with a capacity greater than 1 cubic meter, these operations must be followed by a water quality control.

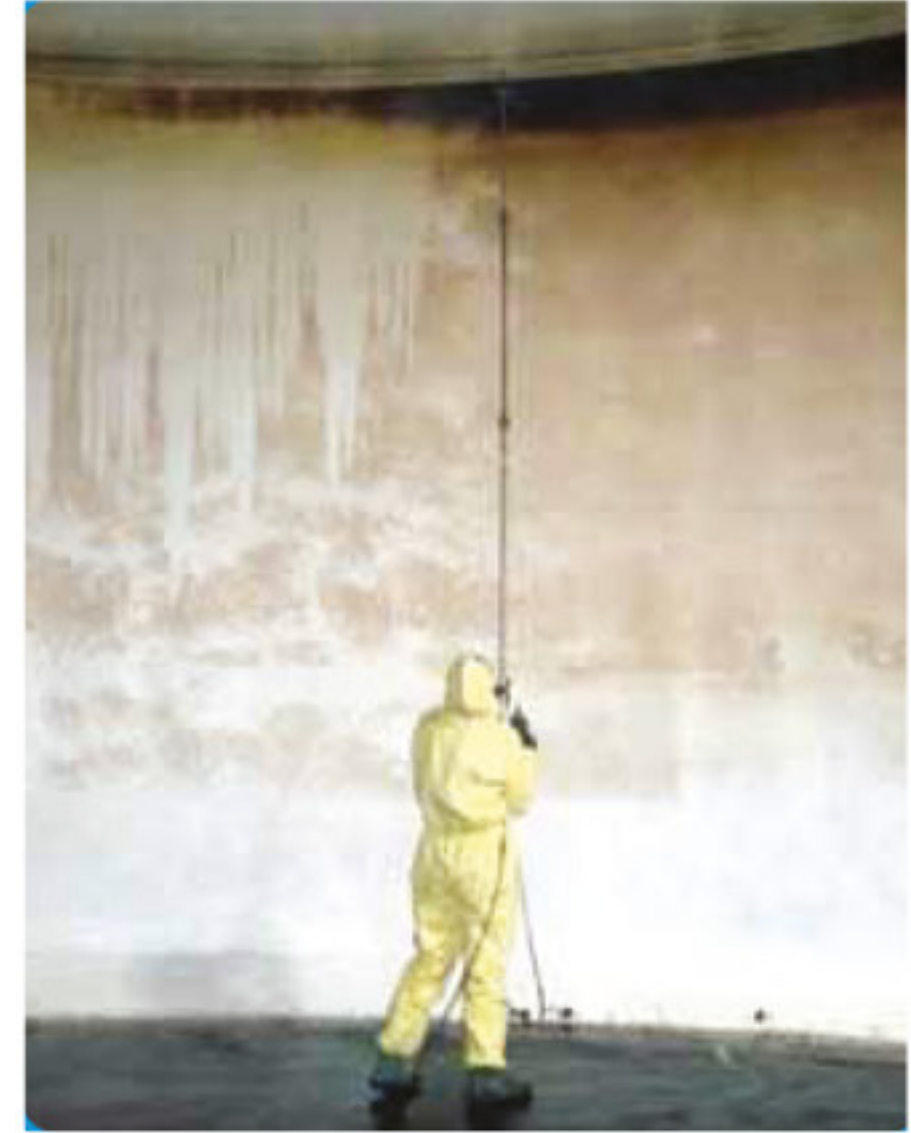
Arrangements are made to ensure a supply of potable water during decommissioning.





## OPERATING MODE

### AFTER EMPTYING THE TANK:



1. Installation of a footbath (Boots' disinfection before the entry of all persons into the tank).
2. Mechanical or high pressure scraping of ladders and pipes located in the tank. This Operation consists in eliminating the concretions fixed on the ladders and the pipes.
3. General rinsing of the cupola structure, walls, pillars, floor, and evacuation by emptying.
4. Diagnosis of deposits to determine the concentration of the product : use FCMI additive if any presence of iron / manganese.
5. Closing of the drain.
6. Spray HERLI – RAPID TW cleaning product from top to walls, pillars, ladders, and pipes.
7. Product contact time: 20 minutes.
8. HERLI RAPID-TW rinsing process: Use a correct diameter for each tank to provide an effective rinsing (if possible, DN 40 mm). For final rinsing, drains must be closed.
9. PH rate must be checked and if necessary, neutralize the rinsing water (PH <6)
10. Continuous Panox disinfectant solution spraying (3%) or injection (100mg / l) in the rinsing water. The water tank drain valve must be open (PANOX = neutral pH)
11. Product contact time: 20 minutes.
12. Final rinsing of walls and the invert with clear water. The purpose of this operation is to eliminate the decantation produced by the washing operation and the first rinsing.
13. Immediate impoundment of the tank: Operation carried out by the service.
14. Cleaning of tank's accesses: Stairs, bearings, valves' chamber.
15. Global report writing, mentioning all anomalies noted by the teams.
16. This report is sent with the invoice, summarizing the operations' events and all anomalies noted.

**N.B. During operations, only persons wearing safety equipments are admitted.**



## ACCESSORIES AND COMPLEMENTARY PRODUCTS

# HERLI



Ref DEA35470140000  
PH strips 0-14  
Ph value



Ref DEA35470000000  
Tevan Panox® test strips  
0 to 100 mg



Ref NEA120000000020  
Herli-NTR, Neutralizer  
of the TW cleaner



Ref DEA140740000014  
Solid chlorine HTH,  
Disinfectants, Herlitox



Ref MPQ310800000000  
Herlimat Ténor - Manual  
winder kit



Ref MPA350900000000  
Low pressure telescopic  
spray lance



Ref MPA353100000400  
High Pressure  
Telescopic Lances



Ref MPA351800000000  
Telescopic poles



Ref 30HERA351200100  
Complete spray lance tip



Nozzle only  
Nozzle seal  
Nozzle filter  
Nozzle nut

**NON-EXHAUSTIVE LIST**

# SOLYD

Know-how and reactivity  
For the fluidity of your projects

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