

MAYASA EXPERIENCES ON MERCURY STORAGE – CONTAINERS FOR METALLIC MERCURY



**SUPPLY AND STORAGE EXPERTS GROUP MEETING
MADRID, SPAIN 25 - 26 OCTOBER 2016**

MAYASA has a high level of experience in the implementation of procedures of proven efficiency, and the use of equipment and installations designed specifically by MAYASA for handling metallic mercury, including special flasks and containers, bottling facilities, and systems for trapping and treating vapours, among others.



Mercury Packaging System





Mercury vessel for transport of mercury

Capacity: 34,5 kg

ADR HOMOLOGATED



Mercury vessel for transport of mercury

Capacity: 1 tn

ADR HOMOLOGATED



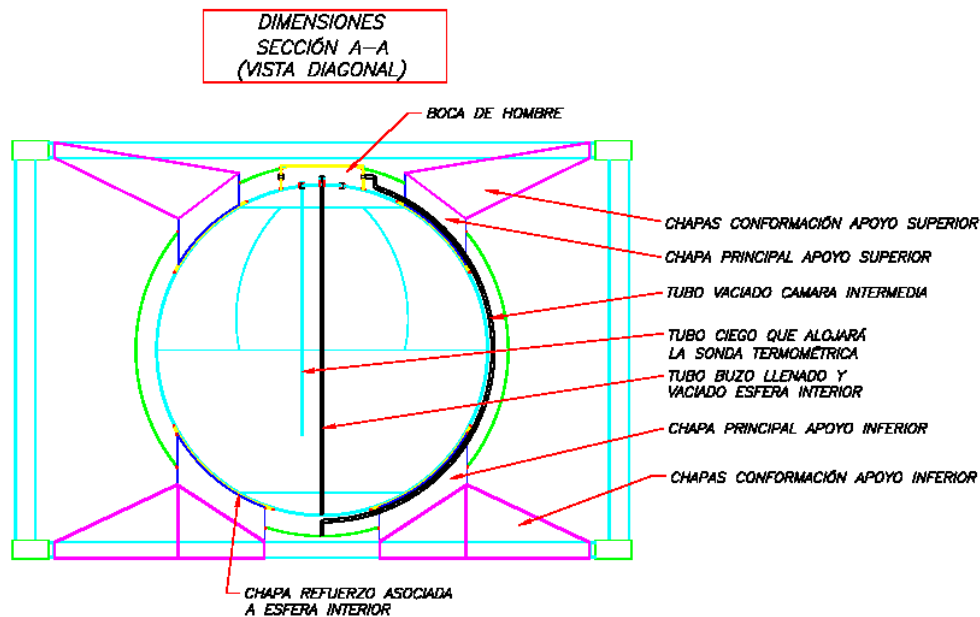
Mercury deposit temporary storage of mercury

Capacity: 400 tn

Unids: 6

Total Current capacity of mercury store in facilities «Las Cuevas»: 2.400 Tn

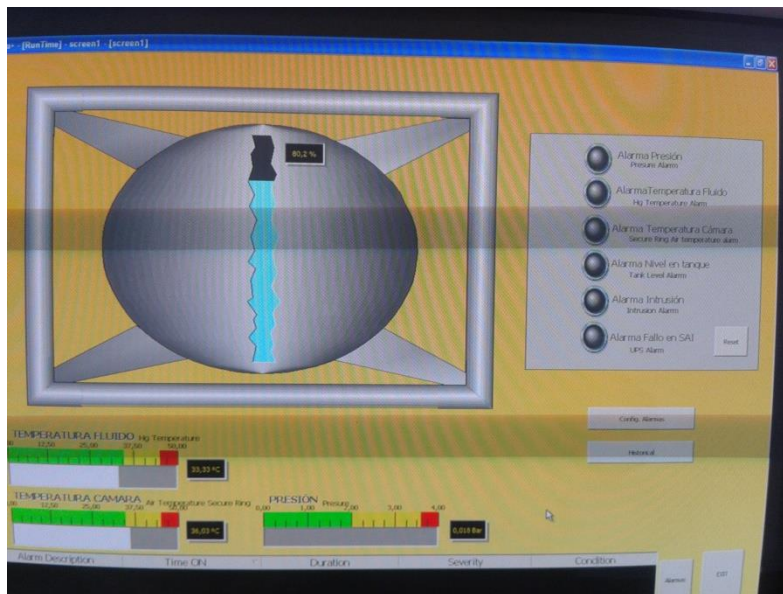
MAYASA, with the technical and scientific collaboration of the Spanish National Research Council's National Centre for Metallurgical Research (CENIM-CSIC) and the University of Castilla-La Mancha, carried out the MERSADE project between 2006 and 2010.



DE prototype of temporary storage

The prototype of a container has been designed and built for storing metallic mercury with the highest assurance of safety.

It has instrumentation and continuous, automatic controls that ensure its leak tightness permanently and remotely.



This container has characteristics such as a double metal barrier and remote monitoring of its variables, to guarantee zero emissions.

The container, named MERSADE 50/50, has a 50-t capacity and is guaranteed for the next 50 years.



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THANK YOU FOR YOU ATTENTION

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