MAYASA EXPERIENCES ON MERCURY STORAGE – CONTAINERS FOR METALLIC MERCURY
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.
INTRODUCTION

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*
**Type of Containers**

**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 MERSADEV project between 2006 and 2010.

**νE 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 YOUR ATTENTION

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