

Name 1	EXPERIMENTOS SOBRE LA FLOTABILIDAD DEL MERCURIO
Name 2	EXPERIMENTS ON THE BUOYANCY OF MERCURY
ID number	001.62.Almadén
Manager / Administrator	Reyes Ávila Bercial, Cerco San Teodoro, s/n, 13400-Almadén (Ciudad Real)
Ownership	Public
Institution	Minas de Almadén y Arrayanes, S.A
Local / Original ID Number	001.001.003.301
Type of Object	Knowledge, social care

DESCRIPTION

Short description	"In this experiment we can observe a steel ball in each of the columns; if we press the button, we will verify that the ball sinks in oil and in water and that it floats on mercury. Why does this happen? When an object has a lower density than the fluid in which it is immersed, it floats. In the opposite case, the object sinks. The ball floats in the mercury because the density of steel is 8g/cm³; that is, less than that of mercury, which is 13.69g/cm³. In the case of water and oil, their densities are lower than that of steel, so the ball sinks in them."
Measures	"length: 1.90m width: 1.10m

height: 2.10m"

Materials

Dating2008

Author / ProducerMinas de Almadén

Illustrations

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/home/mcxsd05/domains/heritage-mercury.net/public_html/base/components/com_rsform/uploads/62679047bed07-F



Original use	Museum and didactic use; interacting with visitors
Present use	Museum and didactic use; interacting with visitors
Original location	Mercury Museum (Mining Park)
Present location	Mercury Museum (Mining Park)

STATE OF CONSERVATION

History of conservation:	
Present state	good
Necessary activities:	

DOCUMENTATION

Addresses /collections/links etc. where further in-depth information is accessible:	www.parqueminerodealmaden.es
Submitted	AYUNTAMIENTO ALMADEN
Submitted by	Alicia Escudero & Águeda Moyano
Date Submitted	26. 4. 2022

Date Edited

12. 5. 2022

