

Name 1	EXPERIMENTO DE LA CONDUCTIVIDAD ELÉCTRICA DEL MERCURIO
Name 2	EXPERIMENT ON MERCURY'S ELECTRICAL CONDUCTIVITY
ID number	001.78.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	001.001.003.287
Type of Object	Knowledge, social care

DESCRIPTION

Short description	"In the experiment you can see mercury inside a glass tube. At each end of the tube, there are two electrodes of an electrical circuit (we must press the button to tilt the tube). What has happened? The mercury closes the circuit by conducting the electric current between the two electrodes, which is why the bulb lights up and the system that changes the inclination of the tube is activated. Mercury is capable of conducting electrical current as efficiently as gold, platinum or aluminium, which are all excellent electrical conductors."
Measures	length: 1.90m width: 1.10m

height: 2.10m

Materials

Dating 2008

Author / Producer Minas de Almadén

Illustrations

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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	Águeda Moyano & Alicia Escudero
Date Submitted	26. 4. 2022

Date Edited

12. 5. 2022
