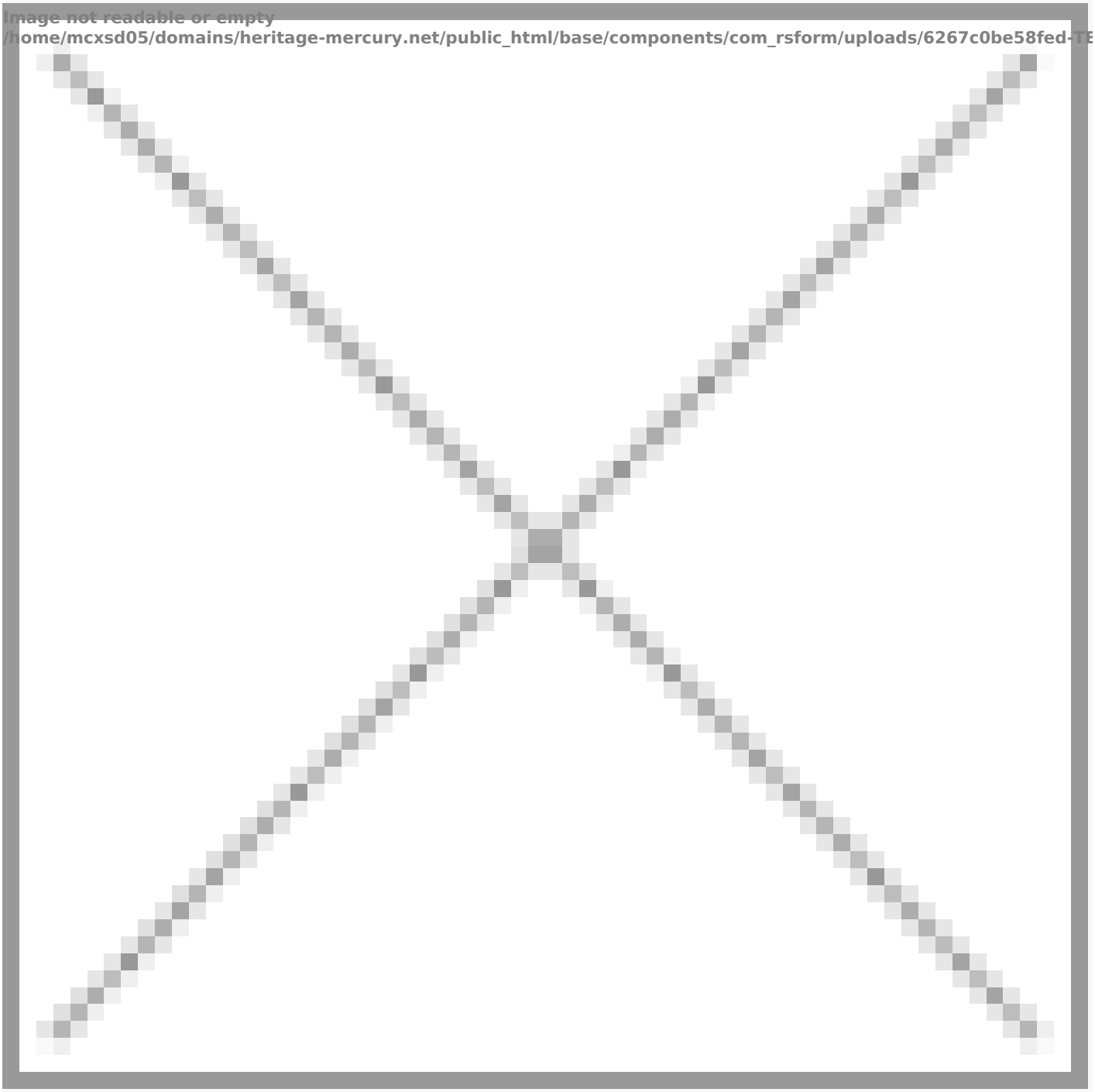
Name 1	EXPERIMENTO SOBRE LA TENSIÓN SUPERFICIAL DEL MERCURIO
Name 2	EXPERIMENT ON THE SURFACE TENSION OF MERCURY
ID number	001.77.Almadén
Manager / Administrator	Reyes Ávila Bercial, Cerco San Teodoro, s/n, 13400-Almadén (Ciudad Real)
Ownership	Public
Institution	Minas de Almadén y Arrayanes, S.A
Local / Original ID Number	001.001.003.288
Type of Object	Knowledge, social care

DESCRIPTION

Short description	"In this experiment, we observe mercury inside a container. We can see that it does not extend along its edges, but rather forms a fairly thick side. If we start the experiment, the bar hits the mercury, which disintegrates into small spheres that maintain their shape, until they quickly regroup when they come into contact with the rest of the mercury. Why does this happen? This happens because of high surface tension. This surface tension is the result of the great attraction that mercury molecules exert on each other. The molecules located on the surface of the liquid are strongly attracted by those inside so that, if it is divided into small quantities, the mercury takes the form of a small ball. Only

	when the size of the ball of mercury is increased, its weight becomes greater than the surface tension and, consequently, its shape breaks apart."
Measures	"length: 1.90m width: 1.10m height: 2.10m"
Materials	
Dating	2008
Author / Producer	Minas de Almadén

Illustrations



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	Never