

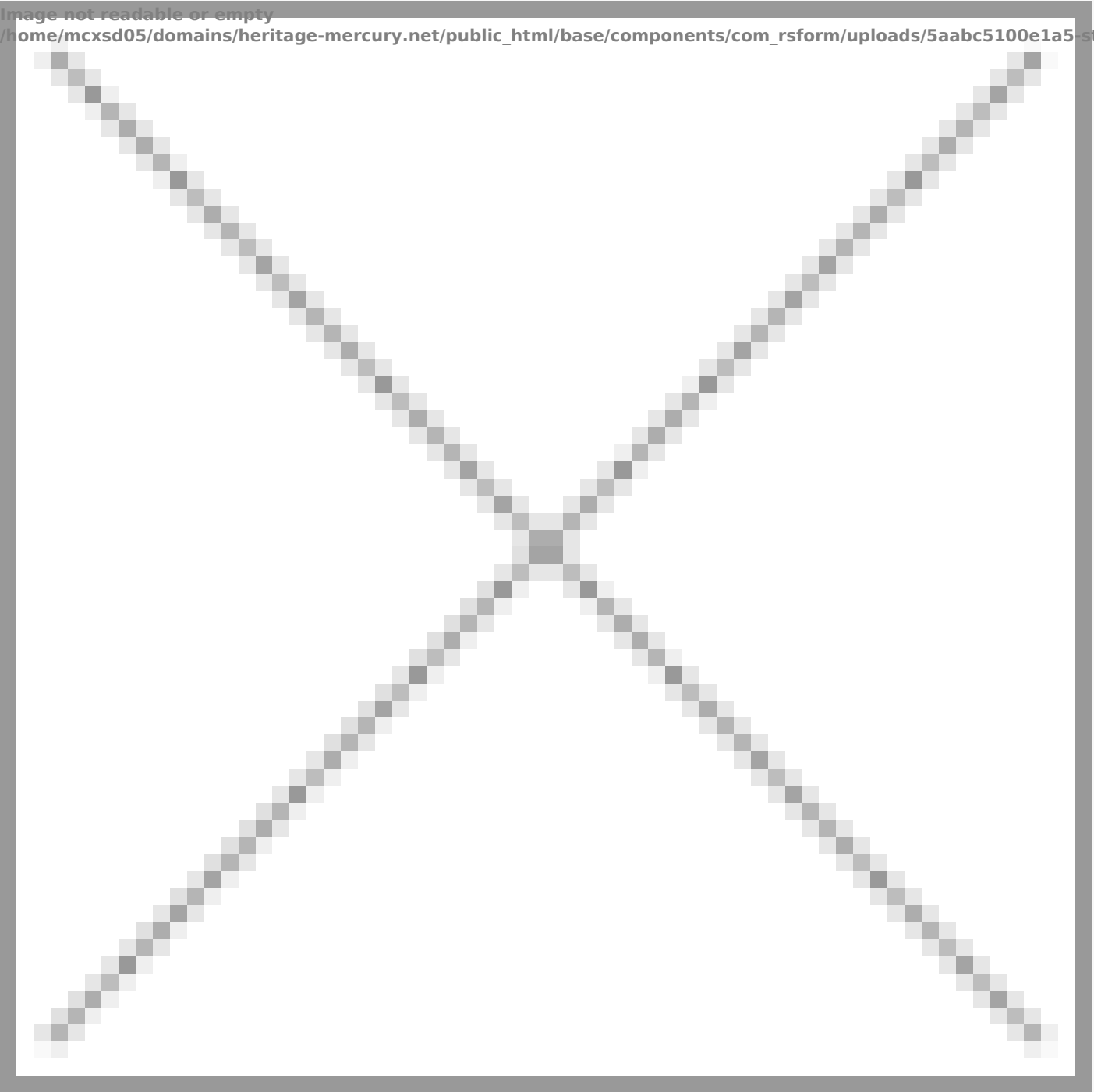
Name 1	MERCURY THERMOMETER
Name 2	/
ID number	002.378.Idrija
Manager / Administrator	Idrija Mercury Heritage Management Center, Bazoviška 2, SI-5280 Idrija
Ownership	Public
Owner	Republic of Slovenia
Local / Original ID Number	/
Type of Object	Daily life

DESCRIPTION

Short description	The ordinary mercury thermometer is placed on the metal pedestal and is an integral part of the thermometers in the weather station. It is an oblong glass pipe, which is fused into a ball shape at the bottom and it is filled with mercury. It is equipped with the cylindrical metal plug. Its measuring scale extends from -30 to 40 °C.
Measures	Length 38 cm, diameter 2 cm.
Materials	Glass, mercury, iron.
Dating	1960s

Author / Producer TLOS Zagreb.

Picture
attachments



Original use

The ordinary mercury thermometer is a measuring device for temperature determination, the operation of which is based on the temperature extension of mercury. It is used as a thermometer in the weather house, which is positioned two feet above the ground. It is an oblong glass pipe, filled with mercury. The volume of mercury increases with the increasing temperature. The temperature is read by determining which mark on the pipe is reached by the column of mercury. For the purpose of more accurate reading, one end of the glass pipe has a round-bottom flask, which contains the majority of mercury. The expansion and contraction of the mercury volume is relatively larger in a pipe with thin cross section.

Present use

The mercury thermometer is being preserved, secured and presented as important mining heritage of Idrija with exceptional universal values. It is a part of the CUDHg Smelting Collection. Visitors can view them within the permanent museum display "From Ore to Mercury Drops" in the Hg Smelting Plant, which represents the characteristics and the versatile use of mercury in science, technology, medicine, culture and every day life. Within the exhibition, the object is placed in the thermal expansion segment and it represents the usefulness of mercury for technical devices.

Original location

Slovenian Environment Agency (ARSO), Vojkova 1b, SI-1000 Ljubljana

Present location

Hg Smelting Plant (From Ore to Mercury Drops), Arkova 50, SI-5280 Idrija

STATE OF CONSERVATION**History of conservation:**

The mercury thermometer is well preserved. Additional interventions are not necessary. Security of the premise is

taken care off.

Present state good

Necessary activities: Regular seasonal maintenance.

DOCUMENTATION

Addresses / collections / links etc. where further in-depth information is accessible: - CUDHg Inventory Book.

Submitted Mestni muzej Idrija

Submitted by Miha Kosmač

Date Submitted 16. 3. 2018

Date Edited Never
