

Contributed to quality control of celluloid, the original plastic

Registration No.	Number 00262		
Registration Date	September 10, 2019	Registration Category	Category 1

Name (Model, etc.)	Celluloid Compression Test Machine
Location	Himeji-shi, Hyogo
	Daicel Corporation
Owner (Custodian)	Daicel Corporation
Manufacturer (Company)	Kokuei Machinery Manufacturing (now GLORY LTD.)
Year Manufactured	1954
Year first appeared	
Reason For Selection	Test machine used for prototyping and inspecting celluloid, which could be called the original plastic. Celluloid is made of nitrocellulose and camphor and heat-compressed into a block with a compressor. It was shipped as celluloid plates after being sliced into sheets. This resource is a compact test machine that was used to prototype new designs and to inspect celluloid. Test machines 1 and 2 were purchased from Germany in 1919 when Dainippon Celluloid was formed. Machine 3, this resource, was made domestically by a local machinery company. The machine ledger, illustrated operating instructions, and other related resources have also been preserved. They are valuable in passing down to the present the origin and boom of the Japanese celluloid industry.
Registration Standard	2-C (Show an important event or phenomenon in the relationship between society and culture on the one hand and science and technology on the other.)

Open/Closed to Public	Closed to Public
Photo	 A photograph of a blue industrial celluloid compression test machine. The machine is mounted on a concrete base and is located outdoors in a grassy area. In the background, there are trees and a building with a yellow staircase. The machine has a vertical frame with a central compression mechanism and a control panel on the side.
Other useful information	