

A device that greatly propelled technological development in electric power transmission

Registration No.	Number 00070		
Registration Date	October 6, 2010	Registration Category	Category 2

Name (Model, etc.)	Closed type single unit 2000kV testing transformer
Location	Sagamihara-shi, Kanagawa SWCC Corporation
Owner (Custodian)	SWCC Corporation
Manufacturer (Company)	TOSHIBA CORPORATION
Year Manufactured	1987
Year first appeared	
Reason For Selection	Prior to the invention of this 2000 kV transformer, maximum electrical voltage of single test transformers was only around 750 kV. Because of this, Japan's High Voltage Testing Laboratory needed to connect two to three of these transformers in a cascade to come up with an AC high-voltage generator. With the advent of the 2000 kV transformer, high voltage testing became possible with a single transformer, thus solving difficult problems, such as implementation of safety measures and prevention of corona occurrence in the air, during high voltage testing. Owing to these characteristics of this device, noise was reduced, and more reliable testing of UHV devices became possible, thus the development of UHV devices was greatly enhanced. This transformer is the first among four transformers manufactured and is still in use.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	