


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

Name (Model, etc.)	Closed type single unit 2000kV testing transformer		
Location	Chuo Ward, Sagami City, Kanagawa Pref		
	SWCC SHOWA CABLE SYSTEMS CO., LTD.		
Owner (Custodian)	SWCC SHOWA CABLE SYSTEMS CO., LTD.		
Manufacturer (Company)	TOSHIBA CORPORATION		
Year Manufactured	1987		
Reason For Selection	<p>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.</p>		
Registration Standard	1 - A		

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