


The World's Highest-Performance Electrical Cable to Support Power Demand

Registration No.	Number 00173		
Registration Date	September 2, 2014	Registration Category	Category 1
Name (Model, etc.)	66kV Single-Core 675mm ² OF Cable		
Location	Yokohama City, Kanagawa		
	Tokyo Electric Power Co., Inc.		
Owner (Custodian)	Tokyo Electric Power Co., Inc.		
Manufacturer (Company)	Sumitomo Electric Wire & Cable Works (now Sumitomo Electric Industries, Ltd.)		
Year Manufactured	1930		
Year first appeared	1930		
Reason For Selection	Japan's first use of 66kV OF cable. A 275m section of the Nihon Denryoku Ogu line was laid in 1930 and continued to operate for 55 years. The OF cable, which used oil-immersed insulating paper for insulation and had insulating oil injected into the metal sheath, remained completely insulated for 80 years and made a significant contribution to the formation of the underground power transmission network. Currently, OF cables of up to 500kV are being put to 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			