

Registration No.	Number 00123		
Registration Date	September 10, 2013	Registration Category	Category 2

Name (Model, etc.)	Iwamuro Power Station 10,000HP Francis Turbine
Location	Hitachi City,Ibaraki Pref
	Hitachi, Ltd. /Hitachi Works
Owner (Custodian)	Hitachi, Ltd. /Hitachi Works
Manufacturer (Company)	Hitachi, Ltd.
Year Manufactured	1915
Year First Appeared	1915
Reason For Selection	The first domestically-produced high-capacity turbine capable of outputting 10,000HP. A Francis turbine with a maximum drop of 160m, revolution speed of 500rpm and a maximum output of 10,000HP (7,460kW). Hitachi supplied one to Tonehatsuden's Iwamuro Power Station in 1915 and another two in 1917; these operated until 1963. The domestically-produced turbines meant an immediate increase from between several tens and several hundreds of horsepower to 10,000HP. The casing and the runners are still in existence. The casing is made of cast iron, weighing 13t with a diameter of 762mm.
Registration Standard	1 - A

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