


Registration No.	Number 00068		
Registration Date	October 6, 2010	Registration Category	Category 2

Name (Model, etc.)	GAS TURBINE, Type AGTJ-100A		
Location	Miyashiro Town, Minamisaitama District, Saitama Pref		
	NIPPON INSTITUTE OF TECHNOLOGY. MUSEUM OF INDUSTRIAL TECHNOLOGY		
Owner (Custodian)	NIPPON INSTITUTE OF TECHNOLOGY. MUSEUM OF INDUSTRIAL TECHNOLOGY		
Manufacturer (Company)	Engineering Research Association for Advanced Gas Turbines		
Year Manufactured	1983		
Reason For Selection	<p>Under the Japanese government's comprehensive R&D program on energy conservation ("Moonlight Project"), which set very high goals for developing energy conservation technology, gas turbine manufacturers developed and accumulated advanced cooling and thermal barrier coating technologies and eventually came up with the Gas turbine, Type AGTJ-100A. Previously, Japan had depended on technology from leading foreign manufacturers, but from 1980 to 1990, using the key technology provided by this device, Japan developed its own third-generation high-performance gas turbines with 1300 °C heating capacity, producing gas turbines that exceeded world market quality standards.</p>		
Registration Standard	1 - A		

Open/Closed to Public	Open to Public
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Photo	 <p>The photograph shows a large, complex industrial gas turbine engine, likely a GE AGTJ-100A, displayed in a museum setting. The engine is mounted on a white support structure and is surrounded by a metal railing. The background shows the interior of a large building with a high ceiling and structural beams.</p>
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Other useful information	
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