

Starting Development on Gas Engines Leading Up to the Present Day

Registration No.	Number 00217		
Registration Date	September 13, 2016	Registration Category	Category 1

Name (Model, etc.)	single cylinder gas burning test engine
Location	Tamano-shi, Okayama MITSUI E&S Co., Ltd.
Owner (Custodian)	MITSUI E&S Co., Ltd.
Manufacturer (Company)	Mitsui Engineering & Shipbuilding Co., Ltd.
Year Manufactured	2002
Year first appeared	2002
Reason For Selection	The direct-injected micro-pilot ignition system was first applied to gas engines. This item was provided for testing to establish fuel injection control, air-fuel ratio control, combustion control and other electronic control systems that form core technologies in high-power, high-efficiency, lean burn engine systems with low nitrogen-oxide emissions using the Miller cycle, which increases thermal efficiency by having a higher expansion ratio than compression ratio, and the common rail system, which raises the degree of freedom in the timing and quantity of pilot fuel injection.
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	