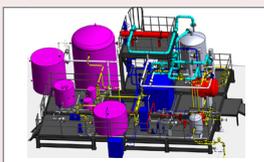


# Standard Testing&Engineering Inc.

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Address	168, Gajeong-ro, Yuseong-gu, Daejeon, Republic of Korea		
major business	Thermohydraulic Research and Experimental Equipment Mechanical design/interpretation/test Fire protection design/interpretation/experiment		

We develop a fluid machine performance test technology and fire protection technology to increase the safety of industrial facilities - such as large research and experiment facilities, nuclear power plants, petrochemical plants, and steel plants.

## Products



Nuclear equipment survival test instruments

**Use** Harsh accident environment simulation and testing device  
**Description** Performance test of equipment under the environmental conditions such as high temperature, high pressure, and chemical spray



Large test chamber of high pressure and heat

**Use** Harsh accident environment simulation and testing device  
**Description** Performance test of equipment under the environmental conditions such as high temperature, high pressure, and chemical spray



ESS Fire control system

**Use** Rapidly extinguish ESS lithium-ion battery fires  
**Description** Fire suppression by spraying fire extinguishing agent to the battery that caused thermal runaway

## Technical Capacity

### » Thermal-Hydraulic Research and Experimental Equipment

High temperature and high pressure experimental devices design/manufacture/test  
 Comprehensive design of experimental equipment: Structural, Earthquake resistance, Flow analysis

### » Thermal energy system

Thermal management device of Lithium-ion battery  
 High-efficiency cooling system using phase change materials

### » Fire protection design and analysis

Fire risk assessment, Fire protection system design  
 Fire experiments, Fire modeling, Evacuation design

### » Fire protection system

Lithium-ion battery fire suppression system  
 Clean fire extinguishing system, Metal fire extinguishing system