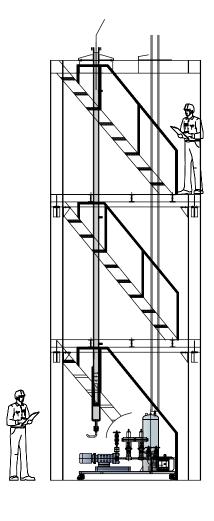




STRUCTURE



Year/Month: 2008/10Client/Owner: DOOSAN

• Engineer : ILSHINAUTOCLAVE

Location : CHANGWON. REPUBLIC OF KOREA

TITLE

Control Element Drive Mechanism(CEDM)
Performance Test Loop System

PROCESS	
Working Condition	160 kg/cm² at 345 ℃
Main Heating Capacity	30kw x 2 set
Circulation Pump	15LPM, 3-PH, 5HP

MAJOR APPLIANCES	
Hot Test Loop System	
Main Heater	30kw x 2 units
Heating Capacity	500°C at 200 kg/cm²
Circulation Pump	Electric Motor & Magnetic
Power	5 HP, 220 VAC, 3-PH
Flowrate	Max. 15 lpm
Heater Exchanger	Tube Coil Inserted Tank
Max. Working Condition	200 kg/cm² at 350°C
Pressurizer	150 ℓ x 1 unit
Max. Working Condition	200 kg/cm² at 350℃
Pure Water Control & Supply System	
Demi Water Reservoir Tank	500 ℓ x 2 units
D.I.W Feed Pump	2180 ℓ x 1 unit
D.I.W Injection Pump	35 ℓ/min x 1 unit

Cooling System & Supply System	
Air Blower	2 units
Valve Rack	2 units
Sensors	2 units

Nuclear reactor performance test system control element drive mechanism (CEDM) Many years experience Automatic system Conform with High-pressure Gas Safety Regulation Certificate of Korean Gas Safety inspection

