

## DOOSAN's Nuclear Business

### **DOOSAN, Global Leader in Power and Water**

Since its establishment in 1962, DOOSAN Heavy Industries & Construction Co., Ltd. has been playing a major role in the development of Korea's national economy by supplying industrial facilities to domestic and overseas markets.

DOOSAN has so far built over 300 nuclear, thermal, combined cycle and hydro power plants. DOOSAN is currently building more than 60 power plants in Korea, USA, India, China and other countries. DOOSAN is fast becoming an EPC contractor as a result of continuous investments and R&D, while also developing wind power systems, fuel cells and environmentally friendly next-generation energy.

DOOSAN supplies Nuclear Steam Supply System equipment such as Steam Generators, Reactor Vessels, Pressurizers, Reactor Vessel Internals, and Control Element Drive Mechanism for domestic and overseas market. DOOSAN also supplies casting and forging products, which are the basic materials for power and desalination plants. DOOSAN is one of the best companies in the world in infrastructure projects such as road, port, and airport and subway construction as well as in the construction of industrial plants.

DOOSAN will strive to become the 'Global Leader In Power & Water' through continuous corporate restructuring, marketing expansion, technology R&D and development of new growth engines.



### Description of Changwon Complex

The Changwon Complex encompasses an area of approximately 1,100 acres. The total floor area of this complex is 137 acres. The Changwon Complex is the biggest manufacturing facility in Korea, and one of the largest integrated plants in the world. DOOSAN employs approximately 7,700 personnel at the Changwon Complex.

The Complex consists of fifteen separate shops which include the following: Nuclear Component Fabrication Shop, Steel Foundry, Forge Shop, Turbine and Generator Shop and the Gas Turbine Shop. Included in these 15 shops is the Dock Facilities which has a crane with a lifting capacity of more than 1,000 tons. The complex includes a 15-story Headquarters Building, with significant support facilities built to integrate and handle complex projects involving many different and varied operations and engineering disciplines.