

SHOWCASE PLANTS

The Dow Chemical Company
Texas Operation – Freeport, Texas



The Dow Chemical Company is one of the leading science and technology corporations with annual sales of \$27 billion. Chemicals and materials manufactured by Dow touch the lives of people in more than 170 countries and across markets including food, transportation, health and medicine, personal and home care, building, and construction.

The Texas Operations facility located in Freeport, Texas is Dow's largest integrated site and is composed of three major complexes: Plant A, Plant B, and Oyster Creek. The facility began in 1940 when Dow Chemical purchased 800 acres bordering the harbor in Freeport. By early 1941, the first plant, Plant A, had been constructed and was manufacturing products such as magnesium, chlorine, caustic soda, and ethylene. A year later, a second plant (Plant B) was constructed and in 1969, construction of the first plant at Oyster creek was begun. The Freeport site has continued to flourish and together the three complexes serve all eight of Dow's Global Business Groups. The three complexes cover 5,000 acres and the reservoirs and waterways/pipeline corridors add an additional 4,700 and 3,200 acres, respectively.

Approximately 40 billion pounds of chemicals and other products are manufactured at the Texas Operations each year. This volume represents more than 42% of Dow's products sold in the U.S. and more than 22% of Dow's products sold globally. Of the products manufactured at the Freeport site, 23 billion pounds are consumed internally and the remaining 17 billion pounds are sold to customers.

Seventy-five individual production processes are run at the facility requiring approximately 5,200 Dow employees and an additional 1,500 contract employees. Freeport is the home of Texas Research and Development and several of Dow's Technical Service and Development laboratories where researchers work to develop new and improved products and processes.

The Dow Chemical Company is committed to the environmental stewardship and the health and safety of its employees. The Texas Operations has lived up to these values with a 65% reduction in OSHA recordable injury and illness rate since 1994 and the construction of a \$100 million water treatment plant built on site. In 2002, Dow Chemical was honored by the Texas Water Foundation with the inaugural Rainmaker Award for demonstrating commitment to environmental performance and conservation, in part through their freshwater consumption reduction project initiated at the Freeport site. The Texas Chemical Council recognized the Freeport facility with the 'Occupational Safety Distinguished Service and the 'Caring for Texas awards in 2000 and with the 'Caring for Texas' award in 2001.