

Name of Site Shell Norco Manufacturing Complex

SITE PROFILE

The Shell Norco Manufacturing Complex is home to Shell Oil Products US (Refining) and Shell Chemicals. The Refinery is designed to convert approximately 250,000 barrels per day of “medium sweet” crude oil. Chemicals manufactures ethylene, propylene and butadiene that are used to make many different everyday materials and end products.

LOCATION

The Shell Norco Manufacturing Complex is located in Norco, Louisiana next to the Mississippi River, about 20 miles west of New Orleans in St. Charles Parish on nearly 1,000 acres of land.

EARLY HISTORY

In 1916, the New Orleans Refining Company purchased 366 acres of sugar cane field from the Goodhope Plantation to establish a marine petroleum supply terminal. In 1920, the New Orleans Refining Company began refining oil and thus the name of the town – Norco. The Shell Petroleum Corporation, a forerunner of Shell Oil Company, acquired the Norco Refinery in 1929. The chemical plant was added in 1955.

RECENT HISTORY (*post 1990 developments*)

In 1998, a merger with Texaco and Saudi Aramco made the refining and chemical business officially separate; Shell Norco Refining Company became a division of Motiva Enterprises. In 2002, Texaco exited the merger and Motiva Enterprises became a 50/50 joint venture between Shell and Saudi Aramco. In 2004, the West Site Chemical Operations leased to Resolutions Performance (Hexion). The lease with Hexion ended and W.R. Grace is currently leasing a portion of the site. Following the Motiva joint venture separation, in May 2017, Shell assumed full ownership of the Norco Refinery.

WORKFORCE

Approximately 1200 employees staff the Shell Norco Manufacturing Complex. The workforce includes: Process Operators, Machinists, Instrument Mechanics, Electricians, Insulators, Pipefitters, Welders, Equipment Operators, Chemists, Engineers, Drafting, Financial, Environmental/Safety, Technology, Inspectors, Security, Administration, Training, Procurement, Human Resources and Communications professionals. In addition, there is a daily average of 1000+ contractors onsite to support the businesses.

WHAT WE MAKE

Shell Refinery produces Gasoline (premium and regular grades, unleaded), Jet-A aviation fuel, Ultra Low Sulfur diesel, liquefied petroleum gases (i.e. propane, propylene, isobutane), and anode grade coke.

Shell Chemicals manufactures ethylene, propylene and butadiene to sell to other manufacturers for use in the production of antifreeze, tires, plastic food containers, trash bags, laundry detergent, cosmetics, adhesive, coatings, and film as well as hundreds of other consumer and industrial materials and products.

HOW WE TRANSPORT IT

Shell Norco products are transported via ships, pipelines, barges, trucks and railcars.

PRODUCTION CAPACITY

Daily capacities are:

Refinery:

Crude: 250,000 barrels (10.1 million gallons) processed daily

Gasoline: 170,000 barrels (7.1 million gallons) produced daily total regular and premium grades

Jet-A aviation fuel: 44,000 barrels (1.9 million gallons) produced daily

Ultra-Low Sulfur Diesel: 95,000 barrels (4.0 million gallons) produced daily

Anode grade coke: 1,000 tons produced daily

Chemicals:

Ethylene: 3.33 billion lbs/yr

Propylene: 1.44 billion lbs/yr

Butadiene: 0.35 billion lbs/yr

Aromatic Feedstocks: 0.84 billion lbs/yr

DOCK FACILITIES

The Shell Norco Manufacturing Complex has four docks located on the Mississippi River.

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