

Alexandria Petroleum Company (APC)

Alexandria Petroleum Company (APC) was built in 1962 with a refining capacity 5 MMTY to supply the local market with its needs of LPG, kerosene, Gas Oil, Fuel Oil, Lube Oils and Waxes. The refinery is located in El max region, the western north of Alexandria City on the Mediterranean Sea.

APC Main Units

Crude Oil Distillation Complex:

The total capacity of the crude distillation complex is 5 MMTY, One of them is basically to produce the atmospheric residue for lube oil complex.

Products: Propane, LPG, Naphtha, Kerosene, Jet Fuel, Gas Oil and Fuel Oil.

Lube Oil Complex:

The complex was commissioned in 1983 with capacity of 1.1 MMTY, the complex continues to play a major role as a heart unit among the refineries in this area, where it processes various feeds to produce high quality products and feedstock for downstream units for further processing.

Products: VGO, Bright stock, Waxes, Bitumen and Fuel oil.

Solvent Complex:

The main role of the solvent complex is to produce number of solvents that the local market need.

Products: Hexane, Solvent 40/60, Solvent 60/80, Solvent 80/110 and Odorless Kerosene.

Main Units at Alexandria Refinery

Unit	No. Of Units	Capacity (MMTY)	Licensor
Crude Distillation Complex	3	5	CHEX-ENPPI
Lube Complex	1	1.1	LUMMUS
Spent Oil Unit	1	0.03	ENPPI-KIT
Solvent Complex	1	0.01	IFP-UOP

New Projects

For health and environmental concerns, APC has contracted with Bechtel Corporation to prepare a Process License Package (PLP) for the upgrading of their existing Furfural Extraction Unit (FEU) to N-Methyl-2-Pyrrolidone (NMP) solvent utilizing Bechtel's proprietary MP Refining SM technology. This project will include changing of the extraction solvent to NMP, revamping of the unit to accommodate the NMP solvent, an increase in raffinate product quality, an increase in waxy raffinate production, an increase in unit feed rate, and a reduction in solvent consumption.