

Ameria Petroleum Refining Company

Ameria Petroleum Refining Company (APRC) was built in 1972 with a refining capacity 4 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 Ameria region, the west north of Alexandria City on the Mediterranean Sea.

APRC Main Units

Crude Oil Distillation Unit:

The total capacity of the two crude oil distillation units is 4 MMTY, They receive crude feed from the Western Desert oil fields.

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

Reforming and Isomerization Complex:

The complex was commissioned in 1985 with capacity of 0.5 MMTY, it processes low octane heavy and light naphtha to produce high octane gasoline.

Products: LPG, Isomerate and reformate.

Lube Oil Complex:

The complex was commissioned in 1973 with capacity of 0.57 MMTY, it processes its Fuel oil and middle distillates from Alexandria Refinery Co. to produce high quality products and feedstock for downstream units for further processing.

Products: VGO, Base Oils, Special Oils, Medical Oil, Waxes, Bitumen and Fuel oil.

LAB Complex:

The main role of the Linear Alkyl Benzene complex is to produce LAB which is needed for manufacturing of detergents, the marketing for local market and export.

Products: LAB and HAB.

Main Units at Ameria Refinery

Unit	No. Of Units	Capacity (MMTY)	Licensor
Crude Distillation Units	2	4	CHEX
Platt forming Unit	1	0.4	UOP
Isomerization Unit	1	0.15	UOP
LAB Complex	1	****	UOP
Lube Complex	1	0.58	*****

New Projects

For health and environmental concerns, APRC has contracted with Bechtel Corporation to prepare a Process License Package (PLP) for the upgrading of their existing Phenol Extraction Unit (PEU) 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.