

New Additional Office Building at ASAB 1 & 2

Client

Abu Dhabi Gas Industries (GASCO)

Scope of Work

FEED
Tender documents

Location

Abu Dhabi, UAE

Types of Activities

Architectural
Communications and security systems
Electrical
HVAC
Landscape
Mechanical
Structural

The project comprised the construction of a new building for the Technical Services Department staff of the Natural Gas Liquid (NGL) extraction facility at ASAB field over a land area of 2,000 m². Following the requirements of Shell Department of Environmental Protection regulations, the two-floor rectangular-shaped building has a central skylight at the roof to provide natural light to all offices.

The ground floor comprises an inspection lab with offices for the inspectors, inspection technical assistant, section head, senior engineers, and civil engineers. It also has a process department, planning department, refreshment area, store room, and toilets. Offices are accessed from more than one point and are equipped with egress doors that directly open to the outside of the building. The server and PABX rooms are accessed from a separate secondary entrance. The main electrical and telecom rooms are located at the middle area of the ground floor to easily serve all functions around.

The first floor accommodates offices for HSE, major projects, and short-term contractors, as well as the Shutdown Section and IT Section, along with a documents room, training room, conference room, refreshment area, store room, toilets, electrical room, and AHU mechanical space.

The roof of the building accommodates HVAC equipment, which may be exposed or covered depending on GASCO recommendations.

To maintain a flexible office arrangement, the design has taken the following considerations into account:

- Drywall partitions do not exceed the height of the ceiling.
- The network of trenches is provided within the screed to allow for additional floor boxes in the future.
- Linoleum tile flooring is provided for office spaces to allow easy access.

