

LEED Certification of Ruwais Administration Building

Client

GASCO Abu Dhabi Gas Industries Ltd.

Scope of Work

Site visit & data collection
LEED assessment study
Resources conservation study
Detailed technical & commercial study
Preparation of detailed engineering documents
Tender documents

Location

Abu Dhabi, UAE

Types of Activities

Architectural
Electrical
HVAC
Mechanical

The project aimed at conducting the studies necessary to obtain the Leadership in Energy and Environmental Design (LEED) certification for the existing GASCO Administration Building. The building is a two-floor (ground floor + first floor) concrete structure with a floor area of approximately 3,414 m² over a total plot area of 25,000 m².

Completed at the end of 2009, the building started operation early in 2010. It is located inside the Ruwais Industrial Complex on the Arabian Gulf coast,

approximately 230 km west of Abu Dhabi.

ECG conducted a full technical and commercial study to evaluate the potential for obtaining LEED certification and to identify the possible level of certification under LEED 2009 Operations and Maintenance (LEED O&M). ECG's scope also included the engineering consultancy services necessary for the implementation of design and system modifications in line with LEED certification requirements.

