

Energy, Water and Environment

THERMODYNAMICS & PHASE BEHAVIOR

Examples of Consulting Services

- Dynamics of Separation Equipment in Offshore Oil Platforms, for Petrobras..
- Mathematical and Thermodynamic Modeling of Separation Systems Based on Glycol and Amines, for Petrobras.
- Measurement and Mathematical and Thermodynamic Modeling of vapor-liquid and liquid-liquid equilibria.

ENVIRONMENTAL ENGINEERING PROCESSES

Examples of Consulting Services

- Petrochemical and gas process companies (ADMA, ADGAS, GASCO).
- Petroleum Refineries (TAKREER).
- ADWEA.
- Aluminum Industry (DUBAL, Gulf Extrusion)
- Phosphate Industry.

WATER RESOURCES AND ENVIRONMENTAL SUSTAINABILITY

Examples of Consulting Services

- Artificial recharge of groundwater resources, Schlumberger Water Services, Abu Dhabi.
- Environmental cost assessment of air emissions from ADCO's sites.
- Evaluation of Ecobilles' proposed solid waste management system for Abu Dhabi Emirate.
- Harbor and groundwater quality at Jebel Ali Free Zone.
- Impact assessment of air pollutants from oil refineries
- Evaluation of NANO1 PUBBLE Diffuser System to Purify a Coastal Marina in Dubai Creek- United Arab Emirates.