# Petrovietnam Phumy Fertilizer Plant

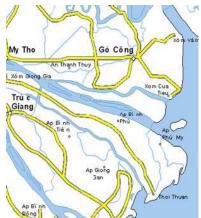


## **Operations & Maintenance Audit**

Operator/ Client: Petrovietnam Fertilizer and Chemicals Company (PVFCCo)
Project/ Location: Phumy Fertilizer Plant, Ba Ria-Vung Thau Province, Vietnam

Scope of Services: Operations and Maintenance Audit







#### Phumy Fertilizer Plant at a glance:

As Vietnam first modern fertilizer plant, the Phumy Fertilizer Plant consists of:

- •Ammonia Plant (Haldor Topsoe License) with capacity of 1,350 Mt/d having natural gas as feedstock and with MDEA CO<sub>2</sub> removal BASF process.
- •Urea Plant (Snamprogetti License) with normal capacity of 2,200 Mt/d and rated capacity of 2,385 Mt/d and with prilled urea as final product.
- •Utilities, offsite and infrastructure facilities which are required for operation.







### **Operations & Maintenance Audit**



#### ARAMIS Scope of Work:

- Conduct an Operations and Maintenance (O&M) and HSE audit on the facilities prior to releasing Performance Guarantees including:
  - Plant Process Performance
  - Plant Availability
  - HSE Performance
  - Ability of Plant O&M team.
  - Status of Plant Equipment and Machinery.
  - Adherence to procedures issued by licensors and manufacturers.
- Perform a detailed review of:
  - O&M organization.
  - Existence, adequacy and implementation of a Competence Assurance System for the O&M Team.
  - Effective use of O&M management system for plant equipment and machinery.
  - Completeness, relevance and implementation of O&M policies, procedures, and work instructions.
- Execute the analysis of the current "As Is" situation and provide action plan for achieving the future "To Be" situation.







