

Petrovietnam Binh Son Refinery

Operations & Maintenance Strategy



Operator/ Client: Petrovietnam
Project/ Location: Binh Son Refinery/ Quang Ngai Province, Vietnam
Scope of Services: Operations & Maintenance Strategy Reliability & Integrity Roadmap



Binh Son Refinery at a glance:

As the first refinery in Vietnam, Binh Son Refinery has a designed capacity of 6.5 million tons of crude oil annually, or 140 thousand barrels per day. Main contractors of the refinery were Technip, JGC Corporation, and Técnicas Reunidas. The refinery is owned and operated by Petrovietnam.

BSR Company has carried out a **Solomon benchmark** for years 2012 and 2013, which has revealed a number of performance improvement opportunities in the areas of Operation, Maintenance, Reliability, Availability, Personnel Efficiency, and Cost Effectiveness.

In order to address such opportunities, BSR Company has embarked on a mission for the next five years to accelerate the optimization of BSR Production to improve safety, quality, efficiency, sustainability of its business operations and reduce costs. BSR Company has awarded **Aramis** to develop the **O&M Strategy and Reliability & Integrity Roadmap** to meet its objectives.



Operations & Maintenance Strategy Reliability & Integrity Roadmap



ARAMIS Scope of Work:

- Carry out a review of the current BSR Operation and Maintenance Strategy
- Assess the current status of its implementation
- Develop BSR Operations and Maintenance Strategy
- Carry out a review of the current BSR Reliability and Integrity Programs
- Assess the current status of their implementation
- Develop BSR Reliability and Integrity Roadmap
- To meet BSR mid-term and long-term objectives
- Development of BSR mid and long term implementation plan

