

Projects

ABT has demonstrated its ability to work on a diverse and complex range of engineering areas, including:

- Capital Projects
- Maintenance and reliability improvements
- Technical consulting

This company is fully aware of the growing sophistication and needs of the clientele in Trinidad and Tobago and has brought to the fore its world-class services, raising the bar for local energy services firms to international standards.

Our work has been recognized by our clients as being consistent and best-in-class. We have also enjoyed long-standing relationships with our clients.

ABT also invests in the future and its attention to modern electronic document management systems and data storage allows for efficient retrieval and storage of critical client data.



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for more project details
www.abt.tt

Petrotrin

Gasoline Optimization Programme (GOP)

The Trinidad and Tobago state-owned oil company Petrotrin, is performing an upgrade at its Pointe-a-Pierre refinery. The objective of this project is to produce higher-grade international specification gasoline for export.

ABT, with its deep understanding of the local oil and gas industry, is undertaking the Offsites & Utilities scope of works, which includes engineering and procurement of the following:

- Water Treatment Plant
- Steam Boilers with auxiliaries
- Cooling Water Tower
- Substations and Electrical Infrastructure
- Storage Tanks with pumps
- Oil/ Water separator
- Subsea Loading Line

- Interconnecting pipe and pipe racks
- Flare Design and Modeling
- Cross country pipeline

Being part of this project falls directly in line with ABT's commitment to the environment. Successful completion of the GOP means the production of cleaner and more environmentally friendly transportation fuels to regional and international markets.

ABT's work on the project is also helping to ensure the growth and sustainability of the nation's economy as the GOP will maximise the productivity of the nationally-owned energy enterprise and place Petrotrin as one of the key suppliers of quality, environmentally-friendly gasoline in the region.

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Atlantic LNG

ABT has a long-standing relationship with the locally based gas company Atlantic LNG that began in July 2003 on the Train 4 project.

Following Train 4, ABT has performed varying scopes of work, ranging from conceptual technical studies to procurement and commissioning support.

Also of note is ABT's participation in 2005 in the engineering for the Reliability Phase of the Multi-Train De-bottlenecking Project. ABT, through its Bechtel offices, provided the downstream support for this project to debottleneck all trains on the Atlantic LNG facility, thereby improving plant production and overall performance.

Successful projects include:

- Design and installation of Pressure Vessels such as Filter Coalescers

- Pressure Relief System Design and Evaluation
- Equipment sizing, including pumps, compressors and tanks
- New Regen Gas Heater
- New NGL Pumps
- Firewater Ring Main evaluation and upgrade
- Compressor Switch replacement
- Complex Fibre Backbone expansion

ABT has been the major provider of engineering design support and this client has been satisfied with the excellent work provided. Through the company's continued focus on upholding to its core values, ABT has successfully been able to provide resources locally that are fully integrated with ALNG's operations.

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World GTL Gas to Liquid Project

Global clean energy firm, World GTL Limited and Petrotrin have formed a joint venture, World GTL Trinidad (WGTL) Limited, which will see the construction of a plant within the Petrotrin complex where undervalued natural gas will be converted to ultra-clean petroleum fuels.

ABT is currently providing engineering design services for this innovative, environmentally friendly project now taking place within the compound of the state-owned oil company, Petrotrin.

This groundbreaking gas-to-liquid commercial facility will be the first of its kind in the Americas and again demonstrates ABT's diverse and innovative capabilities.

CariSal Calcium Chloride Project

The CariSal Calcium Chloride Project is a Greenfield chemical facility to be constructed at Point Lisas, Trinidad. The facility is comprised of a Chlor-Alkali facility integrated with a Calcium Chloride manufacturing facility.

ABT conducted site visits to CariSal's Michigan plant to assist in assessment of the existing equipment and completing equipment layout for the Trinidad Facility. ABT took this project from conceptual design and provided all the Front End Engineering & Design (FEED) services and deliverables.