

Industrial Project Services

APT offers a wide variety of services to the owners, builders, lenders and insurers of light, medium and heavy industrial facilities. Among others, our management, engineering and technical personnel have specific experience with the following types of industries and processes:



- Biofuels and biochemicals
- Garments and textiles
- Electrical equipment and hardware
- Automotive
- Electrical appliances
- Paper products
- Plastic products
- Food packaging
- Consumer products

Key personnel of the company have many years of experience in the planning, design and construction management of process facilities. APT provides a variety of technical services on its own and is capable, in cooperation with other companies with whom it maintains relationships, of completing virtually any type of project for manufacturing industries.

Specific types of services offered include the following:

Project Development Phase

During the development phase of projects, APT offers a comprehensive range of services that may include the following:

- Site selection
- Definition and review of project scope
- Schedule analysis and optimization
- Preparation and review of preliminary designs
- Project cost estimates and reviews
- Feasibility and project planning analysis and alternatives analysis
- Project evaluation
- Environmental and community impact reviews
- Technical support for licensing and permitting applications
- Preparation and review of technical specification
- Evaluation of EPC contract documents
- Assistance with bid evaluations and contractor negotiations

Project Execution Phase

APT has extensive experience with the construction, commissioning and start-up of complex process facilities. The services that we offer to support our clients include the following:

- Review of project schedules
- Contracts administration
- Review of HSE programs
- Prepare and review design clarifications and interpretations
- Design and drawing review
- Document control and tracking
- Review proposed suppliers and equipment
- Supervise inspections and tests
- Assist in resolving disputes between owner and contractors
- Review and approve requests for payment
- Monitor construction progress and funds utilization
- Quality assurance at project site
- Review commissioning and start-up procedures

Project Operation Phase

APT also offers services to project owners during the initial and long-term operation of a facility. These include:

- Identify project defects and warranty issues
- Review plans for correction of defects and warranty issues
- Consolidate and integrate operations and maintenance documentation
- Develop energy management systems
- Operational performance monitoring



Other Services

In addition to the services described above, *APT* offers the following specialty services:

- Insurance Provider and Loss Adjuster Reviews

APT provides assistance to insurance companies and loss adjusters with design reviews, operation and maintenance assessments and incident evaluations. We have provided such services for many types of manufacturing plants.

- Transactional Due Diligence

APT offers technical support to financial institutions, legal firms, buyers and sellers for mergers, acquisitions and similar types of transactions. We provide evaluations of existing designs, operations and maintenance, staffing, operational efficiencies, operational management, and equipment conditions as well as assessment of operational and other types of risks associated with any particular asset.