

Plant Services



Shaw's Energy & Chemicals Group (Shaw) is one of the leading technology-driven engineering, procurement and construction contractors in the world. We can provide support that covers all phases of engineering, operator training, and unit turnarounds, as well as commissioning and unit startup, all specifically tailored to meet client needs. We strive to deliver our quality projects safely, on time and on budget, allowing our clients to meet their business goals.

Studies

- Cost
- Debottlenecking
- Feed and Product
- Maintenance Feasibility
- Planning
- Plant Operability
- Process

Reviews

- HAZOP Reviews–PHA Works
- P&ID
- Plant Safety
- 3D Model

Training

- Creation of Training Program Documentation
- Host Plant
- Class Room

Recent Projects

CPChem/St. James–Ethylbenzene Max
DQR–Refinery
ExxonMobil Singapore–Ethylene
JCP–Olefins Plant
LHC–Ethylene
Lotte Daesan–Ethylbenzene/Styrene Monomer
Marathon MSAT–Refinery
Marathon/Canton–ULSD FEED
PDH–Propane Dehydration
Petro Rabigh–Ethane to Ethylene
Petrobras–Ethylene
PetroChina/Dushanzi–Ethylbenzene/SM
PetroChina/Fushun–Ethylene
PetroChina/Sichuan–Ethylene
PTT–Propane Dehydrogenation
SABIC/Yansab–Butene
SHARQ–Ethylene
Shenyang–Ethane Cracker
Shenyang–Off-Gas Purification & ERU
Takreer–Grassroots Refinery
Tianjin Dagu–ABS
Yanbu–HDPE/BBTX
Innova–Ethylbenzene
Daquin–Styrene Monomer
NPRC–Cumene
CBE Brazil–Ethylbenzene/Styrene Monomer
Total France–Ethylbenzene/Styrene Monomer
Dushanzi–Ethylbenzene/Styrene Monomer
CPChem–Ethylbenzene
Sibor Russia–Ethylbenzene
Dagu Tianjin–Ethylbenzene/Styrene Monomer
Olefins II Kuwait–Ethylbenzene
Ineos UK–Cumene
PMDSKA–Cumene



- Initial Operations
- Maintenance
- Management
- Materials and Spare Parts Management
- On-the-Job
- Operational Quality Assurance
- Operator
- Predictive and Preventative Maintenance
- Startup
- Train the Trainer
- Training Analysis
- Turnaround Management
- Alpha Sim Technology Simulation

Startup and Initial Operations

- Commissioning
- Defect Liability Period Monitoring and Management
- Operating Manuals
- Operating Philosophy
- Operating Procedures
- Performance Test Runs
- Plant Hand-Over
- Pre-Commissioning
- Project Manpower Requirements
- Startup Philosophy
- System Package Development
- Troubleshooting
- Specialist Cleaning Services
- Plant/Refinery Operations



Contact

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