

A decorative graphic on the left side of the page consists of a thin blue line forming a network of shapes. It includes a large circle at the top left, a smaller circle below it, and a hexagonal shape at the bottom left. A small yellow circle is connected to the network by a thin line.

ROTARY
Smart thinking. Safe hands.

Mechanical Precision





Our Track Record

Process Plants		
Client	Project Title	Year of Completion
Singapore		
Exxon Mobil Asia Pacific Pte Ltd	Jurong Grease Plant	▶ 2016
Total Oil Asia-Pacific Pte Ltd	Lube Oil Blending Plant	▶ 2015
Chevron Oronite Pte Ltd	Singapore Expansion Project	▶ 2014
Exxonmobil	Singapore Parallel Train Project	▶ 2013
CCD (Singapore) Pte Ltd	AAL & VAM Plant (Jurong Island)	▶ 2013
Stepan Asia Pte Ltd	EPC - Stepan Jurong Island Singapore Phase 1 Project	▶ 2012
Neste Oil Singapore	Neste Biofuel Project	▶ 2010
Shell Eastern Petroleum	Shell Ethylene Cracker Complex (ECC) Atmosphere Tanks and E&I	▶ 2010
Shell Eastern Petroleum	Shell Mono Ethylene Glycol (MEG) Project	▶ 2009
Shell Eastern Petroleum	Shell Houdini Bukom Refinery Modification (HV5 ISBL)	▶ 2009
Thailand		
Thai Petroleum & Trading Co., Ltd	Grease Plant Revamping Project	▶ 2018

Exxon Mobil Asia Pacific Pte Ltd, Jurong Grease Plant, Singapore



Project Title	Jurong Grease Plant
Client	Exxon Mobil Asia Pacific Pte Ltd
Main Contractor	Rotary Engineering Ltd
Date of Commencement	Mar 2015
Date of Completion	Oct 2016

SCOPE OF WORK

Procurement and Construction:

1. Civil & Structural
2. Tankage
3. Piping & Structures
4. Mechanical Equipment Installation
5. Electrical & Instrumentation



Exxon Mobil Asia Pacific Pte Ltd, Jurong Grease Plant, Singapore



Project Description

- 52 numbers of shop fabricated tanks
- Production building
- Piping works, mechanical equipment installation
- Civil works including early works, substation building & etc
- Electrical & Instrumentation works



Total Oil Asia-Pacific Pte Ltd, Lube Oil Blending Plant, Singapore

Project Description

- 300,000 MTPA Lube Oil Blending Plant
- 39 numbers of tanks in the Tank Farms
- 80,000 DB of piping works, incl. pipe lines to the Shared Facility
- Production Building, Truck Loading and Unloading bays, Office Building with parking facilities, Miscellaneous buildings and Utilities

SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Civil & Structural
2. Tankage
3. Piping & Structures
4. Mechanical Equipment Installation
5. Electrical & Instrumentation



Project Title	Lube Oil Blending Plant
Client	Total Oil Asia-Pacific Pte Ltd
Main Contractor	Rotary Engineering Ltd
Date of Commencement	Jul 2013
Date of Completion	Jul 2015



1. Chevron Oronite Expansion Project, Jurong Island, Singapore
2. Singapore Parallel Train, Jurong Island, Singapore

SCOPE OF WORK

Engineering Design, Procurement and Construction:

1. Tankage
2. Mechanical

Project Description

- 27,000 m3 of storage capacity
- 18 numbers of site erected tanks; 11 numbers of shop fabricated tanks
- 128,000 DB of piping fabrication & installation works
- 500 tons of steel structure
- 29 numbers of equipment installation work

Project Title	Chevron Oronite, Singapore Expansion Project
Client	Chevron Oronite
Main Contractor	Rotary Engineering Ltd
Date of Commencement	Apr 2012
Date of Completion	2014

SCOPE OF WORK

Construction:

1. Civil
2. Piping & Structures
3. Equipment Installation
4. Electrical & Instrumentation

Project Description

- Total of 337,000 DB piping fabrication and erection works
- Total of 7,900 tons of steel structure erection
- Total of 127,000 DB of small bore fabrication works
- Installation of 667 equipments
- Underground piping works including excavation, backfilling, concrete & steel bar reinforcement
- Electrical and Instrumentation works

Project Title	Singapore Parallel Train Project (SPT)
Client	Exxonmobil
Main Contractor	Shaw Stone & Webster Asia Inc
Date of Commencement	Jul 2009
Date of Completion	Apr 2013



CCD (Singapore), Allyl Alcohol (AAL) and Vinyl Acetate Monomer (VAM) Plant, Jurong Island, Singapore



SCOPE OF WORK

Construction:

1. Tankage
2. Piping & Structures
3. Equipment Installation
4. Electrical & Instrumentation

Project Title	AAL and VAM Plant
Client	CCD (Singapore) Pte. Ltd.
Main Contractor	Rotary Engineering Ltd
Date of Commencement	Nov 2011
Date of Completion	Jun 2013



CCD (Singapore), Allyl Alcohol (AAL) and Vinyl Acetate Monomer (VAM) Plant, Jurong Island, Singapore



Project Description

- Detailed engineering work for tankage, civil, equipment sizing, piping, electrical & instrumentation. Total storage facility of 60,000 cbm
- 250,000 DB of piping fabrication & erection works
- 4,800 tons of steel structure fabrication & erection and 11 stainless steel tanks
- 4,800 tons of equipment installation including towers & columns
- Electrical & instrumentation works
- Total of 19 carbon steel fixed roof tanks, 1 marine jetty topsite



Stepan Phase 1, Jurong Island, Singapore



SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Civil
2. Tankage
3. Piping & Structures
4. Equipment Installation
5. Electrical & Instrumentation

Project Title	EPC - Stepan Jurong Island Singapore Phase 1 Project
Client	Stepan Asia Pte Ltd
Main Contractor	Rotary Engineering Ltd
Date of Commencement	Jan 2011
Date of Completion	Feb 2012

Stepan Phase 1, Jurong Island, Singapore

Project Description

- Construction of a five-storey 50,000 tons (expandable to 100,000 tons) per year ("TPY") Fractionated Methyl Ester ("ME") plant
- Also upgrading of an existing ME plant on Jurong Island
- Works include the addition of tanks, cooling tower, air compressor, fire-fighting facilities
- Related facilities involving civil, structural, mechanical, piping, electrical and instrumentation works





1. Neste Biofuel, Tuas, Singapore
2. Shell Ethylene Cracker Complex, Jurong Island, Singapore

SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Tankage
2. Piping & Structures
3. Equipment Installation
4. Electrical & Instrumentation

Project Description

- Total of 11 tanks, including shop fabrication and site erection. Tank materials are CS, SS and duplex
- Total of 117,126 DB of piping fabrication and erection works
- Installation of 36 equipment totalling 207 tons
- E&I works include grounding and lighting, installation of substation, cable tray, cable ladder, CP protection and heat tracing systems

Project Title	Neste Biofuel Project
Client	Neste Oil Singapore
Main Contractor	Technip (PMC)
Date of Commencement	Jul 2008
Date of Completion	Jun 2010

SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Tankage
2. Electrical & Instrumentation

Project Description

- Total of 26 atmospheric tanks. Tank materials are CS and SS
- E&I works include grounding and lighting, installation of substation, cable tray and cable ladder

Project Title	Shell Ethylene Cracker Complex Project (ECC)
Client	Shell Eastern Petroleum
Main Contractor	ABB-Lummus TEC JV
Date of Commencement	Jul 2007
Date of Completion	Apr 2010



Shell Mono Ethylene Glycol (MEG) Complex Jurong Island, Singapore



Project Description

- EPC work for 750,000 TPA Mono Ethylene Glycol (MEG) downstream plant in Jurong Island
- Scope of work include mechanical construction, piping and equipment installation
- Shop fabrication and field Installation of estimated 200,000 diameter-inch of pipes
- Pipe sizes range from 2" to 88"
- Equipment installation of 486 numbers ranging from 2 tons to 1,200 tons
- Engineering lifting studies for heavy lifts and piping spoolgen drawings for shop fabrication

SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Piping & Structures
2. Equipment Installation

Project Title	Shell Mono Ethylene Glycol (MEG) Project
Client	Shell Eastern Petroleum
Main Contractor	Foster Wheeler (PMC)
Date of Commencement	Jun 2007
Date of Completion	Sep 2009





Shell Houdini Bukom Refinery Modification Bukom Island, Singapore

Project Description

- Modification works related to Shell Bukom Refinery (HV5)
- Piping fabrication and erection works
- Steel structure erection works
- Equipment installation works

SCOPE OF WORK

Engineering Design,
Procurement and Construction:

1. Piping & Structures
2. Equipment Installation
3. Electrical & Instrumentation

Project Title	Shell Houdini Bukom Refinery Modification (HV5 ISBL)
Client	Shell Eastern Petroleum
Main Contractor	Foster Wheeler
Date of Commencement	2007
Date of Completion	2009





Grease Plant Revamping Project, Samutsakhon, Thailand

Project Description

- Foundation for cooling tower, boiler, transformer and water tank. Modify electric room and cable bridge. Demolition of existing stairway, pipe bridge and electric pole.
- Cooling system, hot oil system, grease line system, palm fatty system and instrument air system. Demolition of existing pipe line.
- Equipment installation for 9 numbers of heat exchanger, 2 numbers of boiler, 2 numbers of cooling tower, 13 sets of pumps, water tank, TC-1 and Z-1. Equipment demolition for 2 numbers of boiler and 1 number of cooling tower.
- Control system and electrical equipment. Relocation of existing transformer.

Project Title	Grease Plant Revamping Project
Client	Thai Petroleum & Trading Co., Ltd
Main Contractor	TREL
Date of Commencement	Oct 2016
Date of Completion	Aug 2018

SCOPE OF WORK

Procurement & Construction:

1. Civil
2. Piping
3. Equipment Installation
4. Electrical & Instrumentation





Business Development Department

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