



WISON ENGINEERING

LEADING EPC SERVICE AND TECHNOLOGY PROVIDER IN ENERGY & CHEMICAL INDUSTRIES

Better Technology, Better Future

Wison Engineering Ltd.

Overview

Wison Engineering is a leading provider of EPC services and integrated technology solutions for the energy and chemical industries. Established in 1997 and listed on the Hong Kong Stock Exchange (stock code: 02236.HK) in 2012, the company specializes in oil & gas processing, petrochemicals, C1 chemicals, new energy, and other sectors. Wison offers full lifecycle solutions spanning consulting and planning, engineering, procurement, construction, and project management. Wison operates under an internationally recognized HSE management system to deliver outstanding, safe, and comprehensive engineering services to clients worldwide.

To date, the company has successfully executed more than 900 large-scale projects across over 30 countries in Asia, the Middle East, Europe, North America, and South America.

Through collaboration with our alliance partners, we endeavor to integrate innovative technologies and engineering excellence to bring the highest quality products to our clients. By leveraging our leading position in engineering digitalization and modularization, we are dedicated to offering the most cost-effective solutions for energy and chemical industries.

1997

Established in

900+

Number of Projects

30+

Countries Covered

CORE TECHNOLOGIES AND PRODUCTS



OUR BUSINESS

Our Sector



Oil & Gas Processing



Petrochemicals

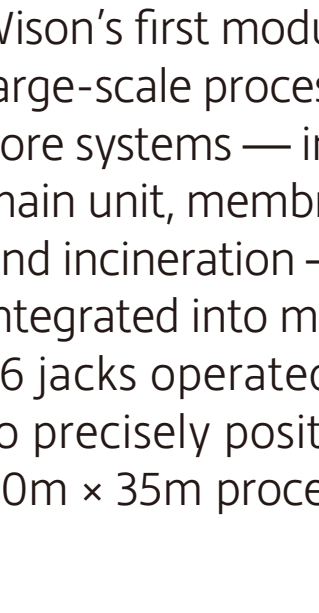


C1 Chemicals

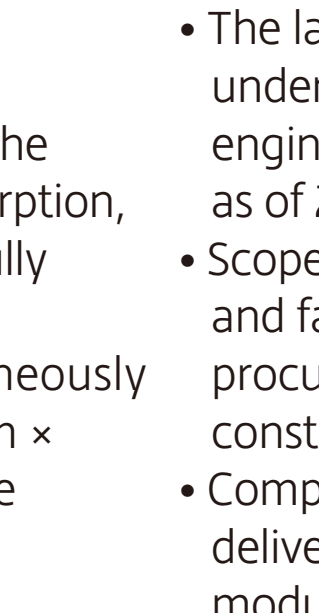


New Energy

Our Services Cover



Consulting and Planning



Engineering



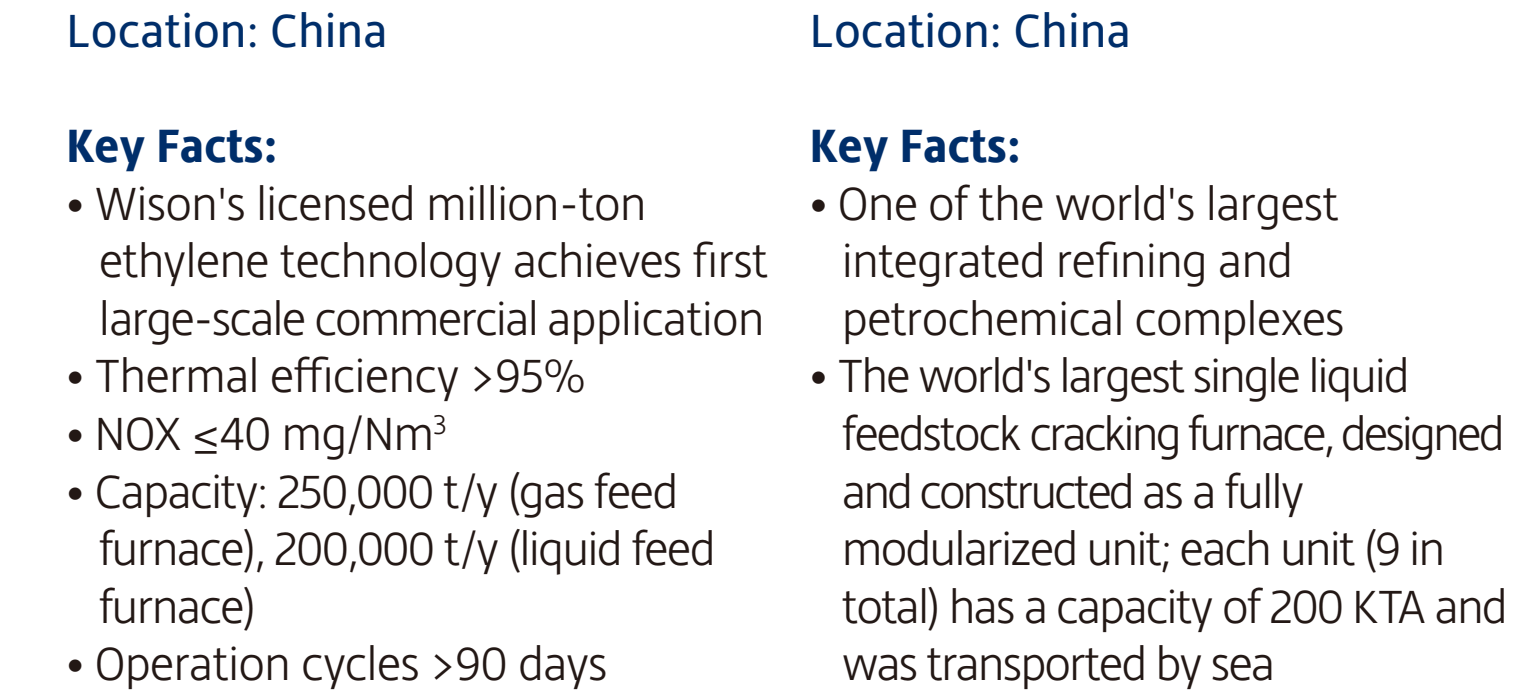
Procurement



Construction



Project Management



Middle East & Africa

- 10 EPC projects delivered and 4 EPC projects are under construction.
- Established long-term partnerships with major Middle Eastern oil companies, including Saudi Aramco, ADNOC, QatarEnergy, and others.
- Awarded the "Golden Key Award", the highest recognition for quality, with safety and quality standards reaching industry-leading levels.

Europe

- Signed multiple front-end contracts for large-scale hydrogen and ammonia projects in Europe, and participated in FEED and EPC bidding for several green hydrogen and green ammonia projects supported by the European Hydrogen Bank.
- Secured Turkey's first biogas-to-methanol project, recognized as one of the world's largest facilities of its kind.

North America

- Maximum modularization greatly reduced CAPEX and sped up the delivery schedule.
- The largest modular project in North America undertaken by a Chinese engineering company.

South America

- The first large-scale refining project undertaken by a Chinese engineering company in the region.
- Accumulative 12 million man-hours without any incident.

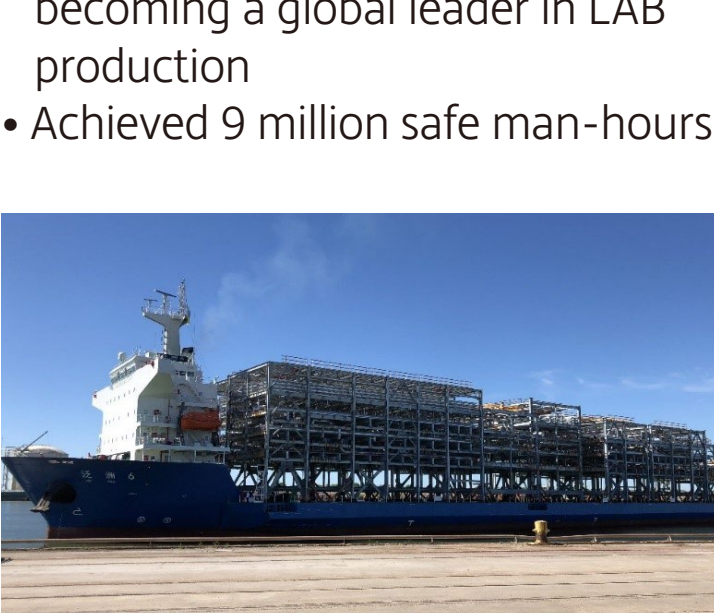
PROJECT CASE



Saudi Aramco Dew Point Control Unit (DPCU) Project
Client: Saudi Aramco
Location: Saudi Arabia

Key Facts:

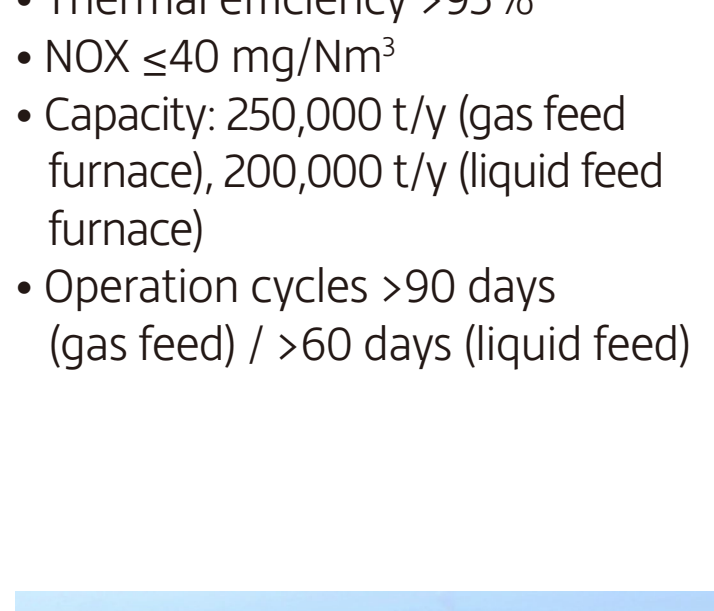
- Wison's first project from Saudi Aramco: modular execution
- Comprising 72 modules, including pipe racks and process modules
- Executed deep in the desert, 650 km from the nearest city
- Supported by own construction team, with a peak workforce of over 3,000
- Brownfield shutdown modification completed ahead of schedule



ADNOC Sulfur Recovery Unit (SRU) Replacement Project
Client: ADNOC Refining
Location: Abu Dhabi, UAE

Key Facts:

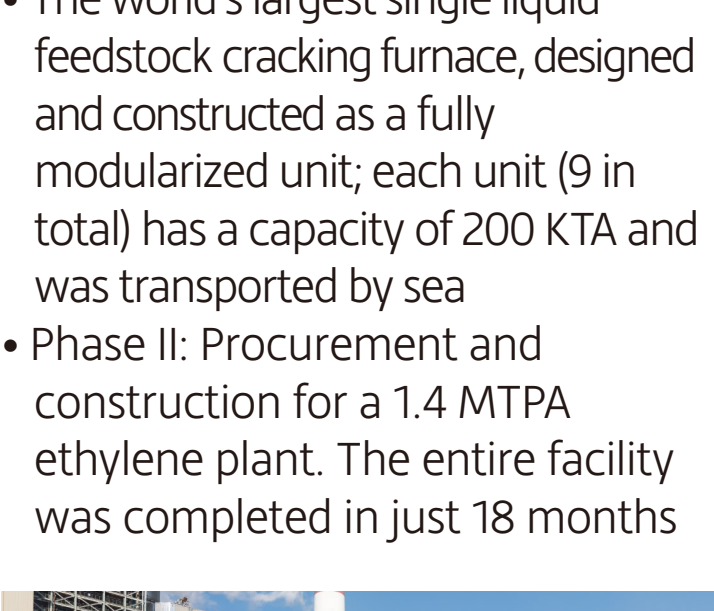
- Scope covers selection of patented technology and process packages, basic engineering design, and full EPC turnkey execution



ADNOC GAS Ruwais Sulphur Granulation Project
Client: ADNOC GAS
Location: Abu Dhabi, UAE

Key Facts:

- World's largest EPC contract signed in the Middle East
- 10 × 1,000-ton/day sulfur granulation systems



Farabi Linear Alkyl Benzene (LAB-4) Project
Client: Farabi Petrochemicals
Location: Saudi Arabia

Key Facts:

- EPC execution of a 120 KTA LAB unit, supporting our client in becoming a global leader in LAB production
- Achieved 9 million safe man-hours



Abu Dhabi I-CAD II Fluorine and Chlor Alkali Chemical Project
Client: Global Fluorine Chemical
Location: Abu Dhabi, UAE

Key Facts:

- Wison's first modularized large-scale process unit
- Core systems — including the main unit, membrane absorption, and incineration — were fully integrated into modules
- 66 jacks operated simultaneously to precisely position a 62m × 20m × 35m process module



Nan Ya Plastics EG-2 Expansion Project
Client: Nan Ya Plastics Corporation
Location: USA

Key Facts:

- The largest modular project undertaken by a Chinese engineering company in the U.S. as of 2018
- Scope includes modular design and fabrication, bulk material procurement, and on-site construction and installation
- Completed a 92-day transoceanic delivery, setting a record for module offloading at the destination port and demonstrating full-process modular delivery capability



Wanhua Chemical 1.2 MTPA Ethylene Project
Client: Wanhua Chemical Group Co., Ltd.
Location: China

Key Facts:

- Wison's licensed million-ton ethylene technology achieves first large-scale commercial application
- Thermal efficiency >95%
- NOX ≤40 mg/Nm³
- Capacity: 250,000 t/y (gas feed furnace), 200,000 t/y (liquid feed furnace)
- Operation cycles >90 days (gas feed) / >60 days (liquid feed)



ZPC 40 MTPA Refining and Petrochemical Project
Client: Zhejiang Petroleum & Chemical Co., Ltd.
Location: China

Key Facts:

- One of the world's largest integrated refining and petrochemical complexes
- The world's largest single liquid feedstock cracking furnace, designed and constructed as a fully modularized unit; each unit (9 in total) has a capacity of 200 KTA and was transported by sea
- Phase II: Procurement and construction for a 1.4 MTPA ethylene plant. The entire facility was completed in just 18 months

Guangxi Huayue Chemical 1.0 MTPA MTO Project
Client: Guangxi Huayue Energy and Chemical Co., Ltd.
Location: China

Key Facts:

- World's largest MTO unit based on UOP process, integrating Wison's licensed 3rd-generation olefin separation technology

Shanghai Waigaoqiao No.3 Power Plant CO₂-to-Methanol Project
Client: Shenergy (Group) Co., Ltd.
Location: China

Key Facts:

- The first 10,000-ton methanol project from thermal power plant flue gas CO₂ capture
- Achieves full-process carbon neutrality for both power generation and methanol production

Thailand Hydrogen Manufacturing Unit (HMU-2) Project
Client: IRPC Public Company Limited
Location: Thailand

Key Facts:

- Leveraging Wison's commissioning expertise, the plant successfully completed its first run and delivered qualified products
- Supported by China's supply chain, the project collaborated with domestic manufacturers of isothermal shift reactors and other equipment to support overseas deployment

Ankara Bio-Gas to Methanol Project
Client: WasteFuel
Location: Turkey

Key Facts:

- The first green methanol facility in Anatolia and one of the largest of its kind in the world



Website



LinkedIn

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