

Chemicals Plant



Allbest Creative Development Ltd. (ALLBEST)

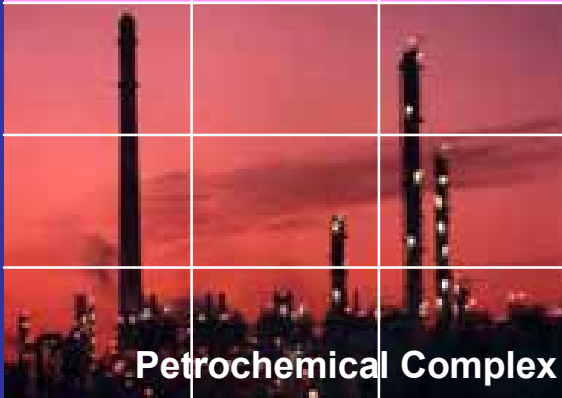
Business Scope



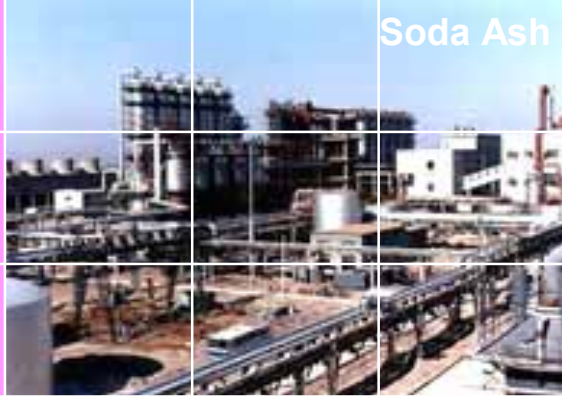
We offer the total solution for the chemical industry of petrochemicals, natural gas chemicals, salt chemicals, coal chemicals, fine chemicals and their facilities.

PETROCHEMICAL PROJECT	Using petroleum and natural gas as feedstock, produce ethylene, propylene with relevant associated downstream processing facilities. (Major Project: over 60)
CHEMICAL FERTILIZER PROJECT	Large and medium-scale plants for ammonia production and ammonia processing using natural gas, heavy oil or coal as feedstock. (Major Project: over 120)
SODA ASH PROJECT	Engineering design for large and medium-scale soda ash plants based on Solvay or SAACC process with in-house developed and advanced patent and proprietary technologies. (Major Project: over 70)
CHLOR-ALKALI PROJECT	Being the expertise in engineering design for chlor-alkali and chlorine processing plants of various scales. Our technologies are not only applied for most domestic plants but also transferred to our overseas customers. (Major Project: over 110)
ACETYLENE AND METHANOL PROJECTS	Engineering and construction of acetylene and methanol plants of various scales, particularly good at acetylene and methanol production using natural gas as feedstock. (Major Project: over 120)
OTHER CHEMICAL PROJECTS	Undertaking engineering design of light chemical production plants producing fine chemicals, pharmaceutical and pesticide, we can also undertake the engineering of food processing and synthetic fibers plants etc.. (Major Project: over 330)

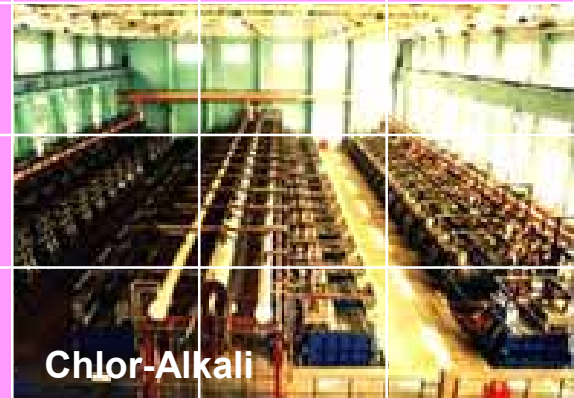
Technology Portfolio for Chemical Industry



Petrochemical Complex



Soda Ash



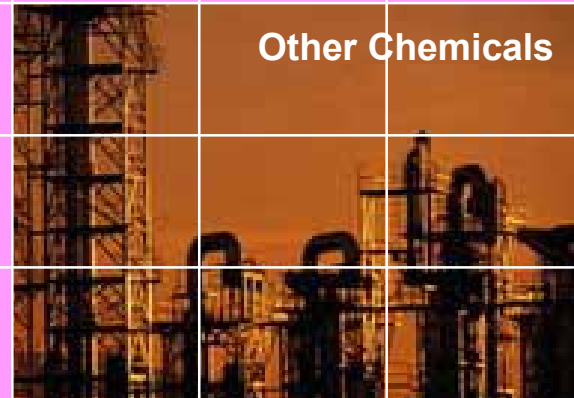
Chlor-Alkali



Petrochemicals & Synthetics



Chemical Fertilizer



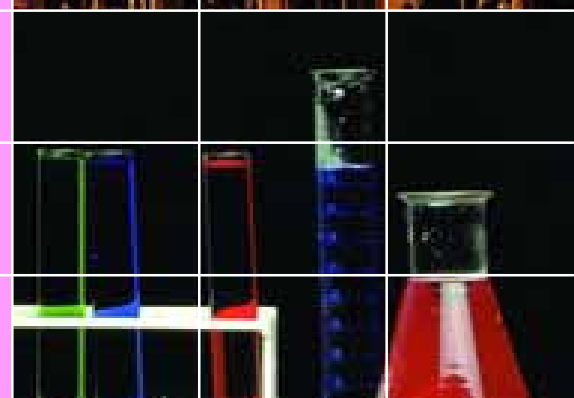
Other Chemicals



Acetylene & Methanol



Carbon Black & Others





Qilu Petrochemical Complex

Xinjiang Dushanzi Petrochemical Complex



Soda Ash

Developed more than 10 patents and proprietary technologies for soda ash production that are advanced over the world. Designed and constructed more than 40 large and medium-scale plants using ammonia-alkali process and soda ash & ammonium chloride co-production process.



285,000 TPY soda ash & ammonium chloride co-production project of Honghe Chemical Plant, Sichuan, China (1989)



600,000 TPY ammonia-alkali project of Tangshan Alkali Plant, Hebei, China (1989)



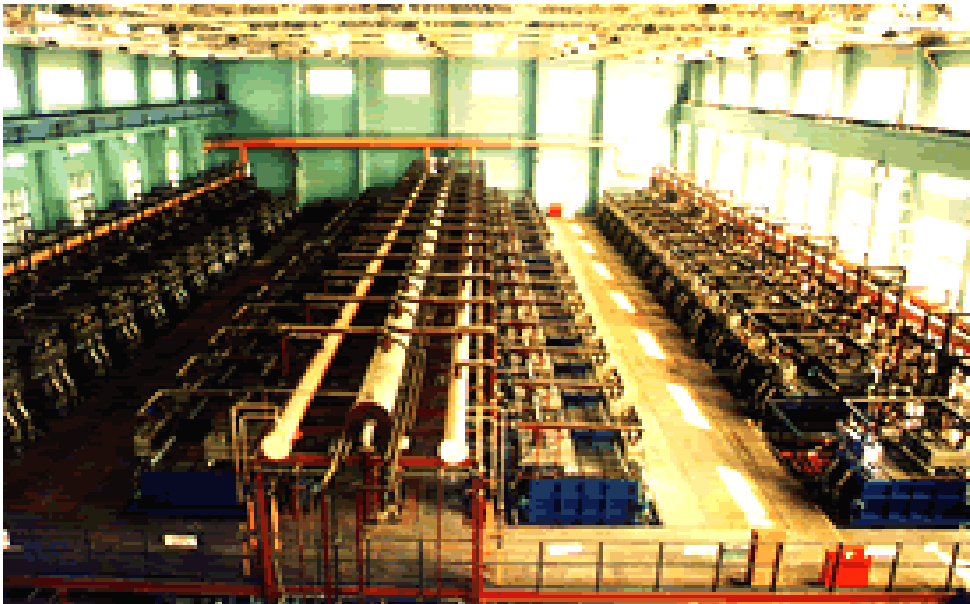
40,000 TPY ammonia-alkali project, Pakistan (2000)



600,000 TPY Ammonia-alkali Plant, China

Chlor-Alkali

Chlor-alkali technology is our important process know-how with high reputation in home and abroad. Owned many patents and proprietary technologies for chlor-alkali plant and chlorine processed product plant. The capacity of caustic soda plant reaches 200,000 TPY and that of potassium hydroxide reaches 28,000 TPY.



150,000 TPY membrane caustic soda plant of Shanghai ethylene project, Shanghai, China (1990)



28,000 TPY potassium hydroxide project of Jiangsu Guangming Chemical Co., Ltd. Jiangsu, China (2002)



Membrane Caustic Soda Project, Indonesia



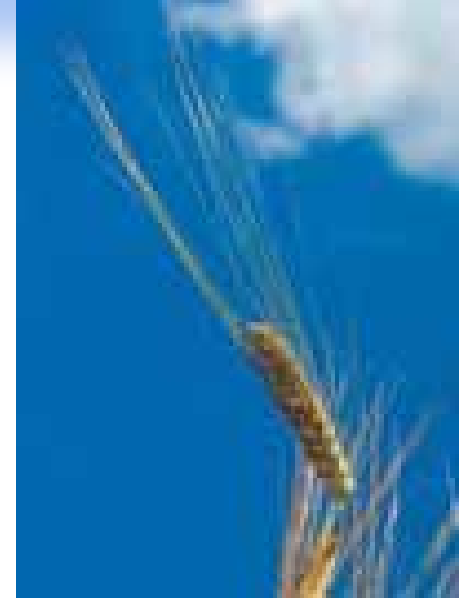
Bleaching Powder Project, Indonesia



43,000 TPY membrane caustic soda project, Indonesia (1997)

Chemical Fertilizer

Designed and constructed large and medium-scale ammonia plants and ammonia processing plants with natural gas, heavy oil and coal as raw materials. The new gas preparation process using natural gas as feedstock successfully developed by us can find wide applications in construction and technical retrofit of large and medium scale ammonia plants.



300,000 TPY ammonia and 520,000 TPY urea project of Jinxi Chemical Works, Liaoning, China (1993)



300,000 TPY ammonia and 520,000 TPY urea project of Hainan Natural Gas Chemical Plant, Hainan, China (1996)



1,500MTPD Ammonia Project, China National Ocean Oil Co. (Phase II)

2,700MTPD Urea Project, China National Ocean Oil Co. (Phase II)





200,000MTPA Ammonia Plant, SICHUAN Chemical Works



300,000MTPA Ammonia Plant & 520,000MTPA Urea Plant SICHUAN Tianhua Chemical Ltd.



200,000 TPY ammonia retrofit plant, China



200,000 TPY ammonia retrofit project, Sichuan (1990)



Bulk warehouse and handling system for urea project, Indonesia (2002)

Methanol

Started to develop and undertake the engineering design for methanol plant from 60s. Since the 1980s, we have developed new methanol process suitable for methanol plants of different scales. We are now the main technical force of technical development and engineering design for methanol plant in China.



30,000 TPY methanol plant of
Dushanzi ethylene project , Xinjiang, China (1995)



200,000 TPY methanol project of Shanghai Jiaohua Complex, Shanghai, China (1990)

Low pressure methanol plant using our proprietary technology



Low pressure methanol plant, China

Petrochemical & Synthetic Materials

Provide the plant for synthetic resin, synthetic rubber and synthetic fiber and plastics projects since very earlier time and has a team of expertise for engineering of petrochemical projects in general and for PVC in particular. Continuously developing and improving its proprietary technologies to keep them always at the advanced level.



300,000 TPY ABS project of LG-Yongxing Chemical Co.,Ltd. Zhejiang,China (2002)



350,000 TPY PVC project of Tianjin LG-DAGU chemical Co., Ltd. Tianjin, China (2003)



42,000 t/y polystyrene project, Zhangjiagang (2002)



140,000 t/y ethylene project, Xinjiang (1995)



300,000 MTPA VCM Plant, Qilu Petrochemical Complex



200,000 MTPA VCM Plant, SHANGHAI Petrochemical Corp.



200,000 MTPA VCM Plant, SHANGHAI Petrochemical Corp.



100,000 MTPA PVC Plant, LG-DAGU



50,000 MTPA ABS Plant, LG-Yongxing

Other Chemicals Projects



Tricyan chloride plant



Natural circulation outer cooling carbonization tower



16,000 M3 LPG project, Jiangsu (1998)



Liquid chemical tanks farm, Xinjiang (1995)



30,000 TPY carbon black project, Shandong (1992)



Hydrogen Peroxide Plant (H_2O_2)

Environment

A scenic view of a large, turquoise lake nestled in a valley between green mountains under a clear blue sky. The lake is the central focus, surrounded by lush green hills and mountains. In the distance, a small town or village is visible on a hillside. The overall atmosphere is peaceful and natural.

**Integrated solutions
for sustainable development**

Environmental Technology



Clean water recycling system



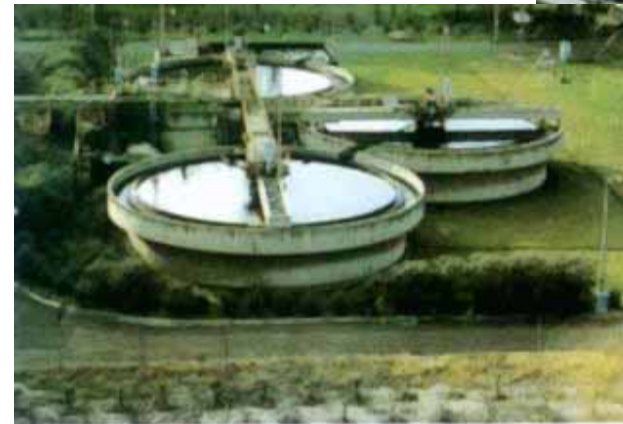
Pure water treatment system



EP



Bag filter



Used water recycling and treatment facilities



Water Treatment Project

Strategic Alliance & Partner



Country	Company
USA	LUMMUS, UCC, UOP, KELLOGG, BROWN & ROOT, TEXACO, MONSANTO, EIMCO, OXYTECH, BTC, REICHHOLD, BGF/GEON, US STEEL, DEGUSSA
UK	SNAMPROGETTI, JBC, BP, H&G, ICI, PJC
JAPAN	ZEON, TEC, CHIYODA, ASAHI CHEMICAL, ASAHI GLASS, CEC, KURARAY, SHIN-ETSU, CHISSO, MITSUBISHI CHEMICAL, MITSU TOATSU
FRANCE	TP, SPEICHIM, RHONE-POULENE, ATOCHEM, KREBS
ITALY	TPL, SNAMPROGETTI, TECNIMONT, STAMICARBON, DENORA, CBM
GERMANY	BASF, LINDE, UHDE, LURGI
SWITZERLAND	BORTYAMMS AE, PERTORP
UKRAINE	KHT
NETHERLANDS	KELLOGG-CONTINENTAL, AKZO, JOHN BROWN, STAMICARBON
CANADA	SPT
DENMARK	TOPS OE
KOREA	LG CHEMICAL/ LG ENGINEERING
NORWAY	NORSKHYDRO

Service

- **Advanced and reliable technology & engineering**
- **Procurement, manufacture, and delivery of the goods**
- **Project management**
- **Construction, installation, and commissioning**
- **Technical service**
- **Training program**
- **Service after completion of the project**
- **Financing assistance and export credit**
- **Other services and functions upon request**



CREATE THE FUTURE



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