

中国五环工程有限公司



中国五环工程有限公司前身是创建于 1958 年的化学工业部第四设计院，现为国务院国资委直接管理的中国化学工程集团公司的全资子公司和化学工业领域重点骨干科技型企业，也是具有工程建设项目全过程承包和管理功能的国际型工程公司。公司拥有工程设计综合甲级资质和工程咨询、工程监理、工程造价咨询、建设项目环境影响评价等多项甲级资质，并享有对外工程咨询、工程设计及工程承包经营权，是首批获得全国 AAA 级信用企业资格的工程公司。公司建立了符合国际标准的 QHSE 管理体系，拥有英国劳氏公司颁发的质量管理体系、环境管理体系、职业健康安全管理体系三项证书，高质量的体系运行管理模式已成为业内典范。五十多年来，中国五环累计完成境内外 2200 余项设计项目和 100 多项工程总承包项目，业务遍及国内 31 个省、直辖市和全球 20 多个国家和地区。

主要服务范围：工程总承包（EPC 交钥匙模式）；工程咨询（项目建议书、可行性研究、前端工程设计及市场调研等）；工程设计；项目管理承包（PMC 模式）；运营维护；建设项目环境影响评价；工程监理；投资、融资。

主要工程领域：有机化工、石油化工、天然气化工；氮肥、磷肥和复肥；硫酸、硝酸、盐酸及各种有机和无机酸；纯碱、烧碱、氯加工；现代煤化工；煤气化与 IGCC；精细化工；合成材料；石油、液化天然气及化学品储运；环境工程；热电工程；深冷、空分；供热、供电、暖通及给排水；工业及民用建筑；各类压力容器。

China Wuhuan Engineering Co., Ltd.

The former of China WUHUAN Engineering Co., Ltd. (WUHUAN for short) is the Fourth Design Institute of the Ministry of Chemical Industry of China, founded in 1958. Currently, WUHUAN is a wholly-owned subsidiary of China National Chemical Engineering Group Corporation under the direct management of Central Government and a key scientific and technological enterprise of the chemical industry. WUHUAN is an international engineering company to provide EPC contracting and PMC service of construction projects with an integrated Class A certificate of engineering design and Class A certificates to cover such fields as engineering consultation, project supervision, project cost estimate consultation, project environmental impact assessment, etc. and enjoys the right of engineering consultation, engineering design and EPC contracting for the projects overseas, and is one of the first engineering companies to be awarded the Class A+ certificate of credit qualification. WUHUAN has established a QHSE management system complying with international standards. Over 50 years, WUHUAN has completed more than 2,200 engineering design projects and over 100 EPC projects both at home and abroad. And the business scope covers 31 provinces and

municipalities in China and more than 20 countries and regions all over the world.

The main scope of services: Project EPC Contracting (Lump-sum Turn key); Engineering Consultation (Project Planning, Feasibility Study, FEED and Market Investigation etc.); Engineering Design; Project Management Contractor (PMC); Operation & Maintenance; Environmental Impact Assessment; Project Supervision; Investment & Financing.

The main business portfolio: Coal Chemical; Nitrogen fertilizer, Phosphate fertilizer, NPK compound fertilizer; Sulfuric acid, Nitric acid, Hydrochloric acid and Organic and Inorganic acids; Soda ash, Caustic soda, Chlorine processing; Organic chemical, Petrochemical and Natural gas chemical; Fine chemical; Synthetic material; Coal Gasification and IGCC; Petroleum, LNG and Chemical storage and transportation; Environment engineering; Thermal Power Plant; Cryogenics, Air separation;; Industrial and civil architectures.



俄罗斯硝基诺年产 50 万吨合成氨及年产 66 万吨大颗粒尿素项目（总承包+融资）

JSC Shchekinoazot Ammonia 1,500 MTPD Ammonia & 2000 MTPD Urea Project(EPC+F) Russia



越南金瓯国家石油公司年产 45 万吨合成氨以及年产 80 万吨尿素项目(总承包)
Vietnam Oil and Gas Group 450kt/a Ammonia & 800kt/a Urea plant EPCC Project



广州东曹年产 22 万吨聚氯乙烯项目（总承包）
Tosoh(Guangzhou) (Japan) 220,000t/a PVC Project (EPC)



Datang 1,690,000t/a Methanol & 480,000t/a Polypropylene Project (EPC)
大唐国际内蒙古多伦年产 169 万吨甲醇及 配套年产 48 万吨烯烃项目 (总承包)