



PROFILE OF DODGEN

Shanghai DODGEN Chemical Technology Co, Ltd. is a high-tech company which integrates process technology development, unit equipment supply new materials research and application.



DODGEN provides high competitive advanced process system technical solutions and services for various customers in the following fields:

Petrochemical 	Energy and Environmental Protection 	Pharmaceutical Chemical 	Fine Chemical
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DODGEN HCN/NaCN Process Technology

WeChat Official Accounts



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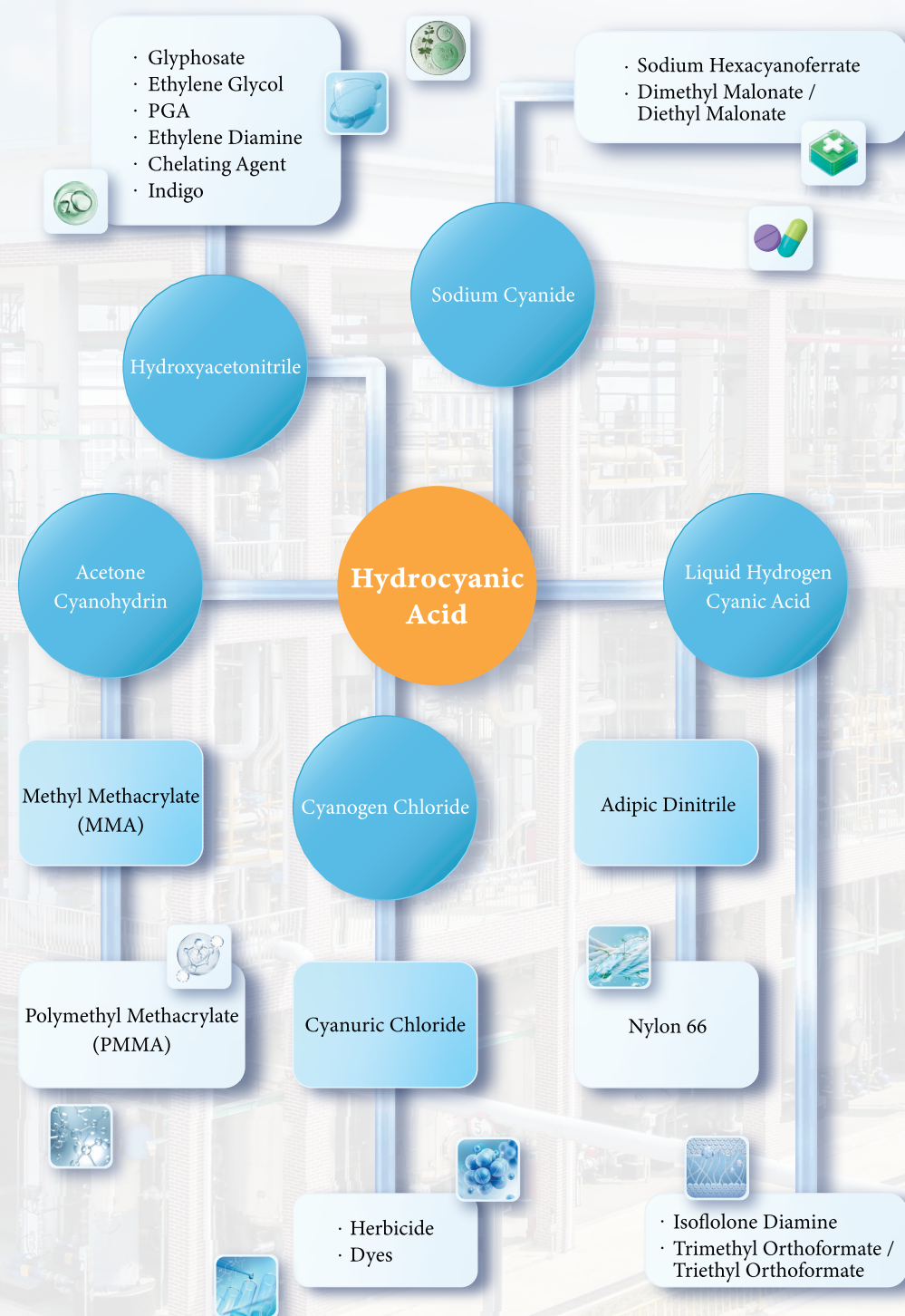
@DODGEN Chemtech

BUSINESS SCOPE WITH DODGEN

<p>CERTIFICATE</p>	<p>INFOGRAPHIC ELEMENTS</p>	<p>Key/Proprietary Equipment Supply</p>	<p>TECHNICAL SUPPORT</p>
License	PDP or BEP	Key/Proprietary Equipment Supply	Technical Services (optional)

HCN APPLICATIONS

Hydrocyanic acid is an important chemical compound with special chemical properties, from which many derivatives can be generated.

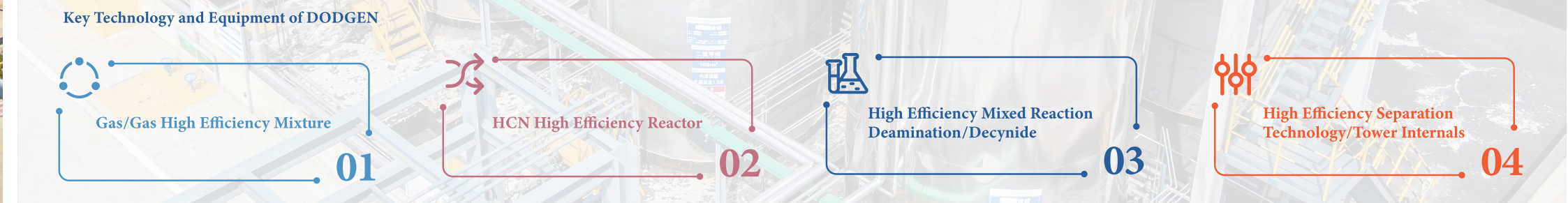
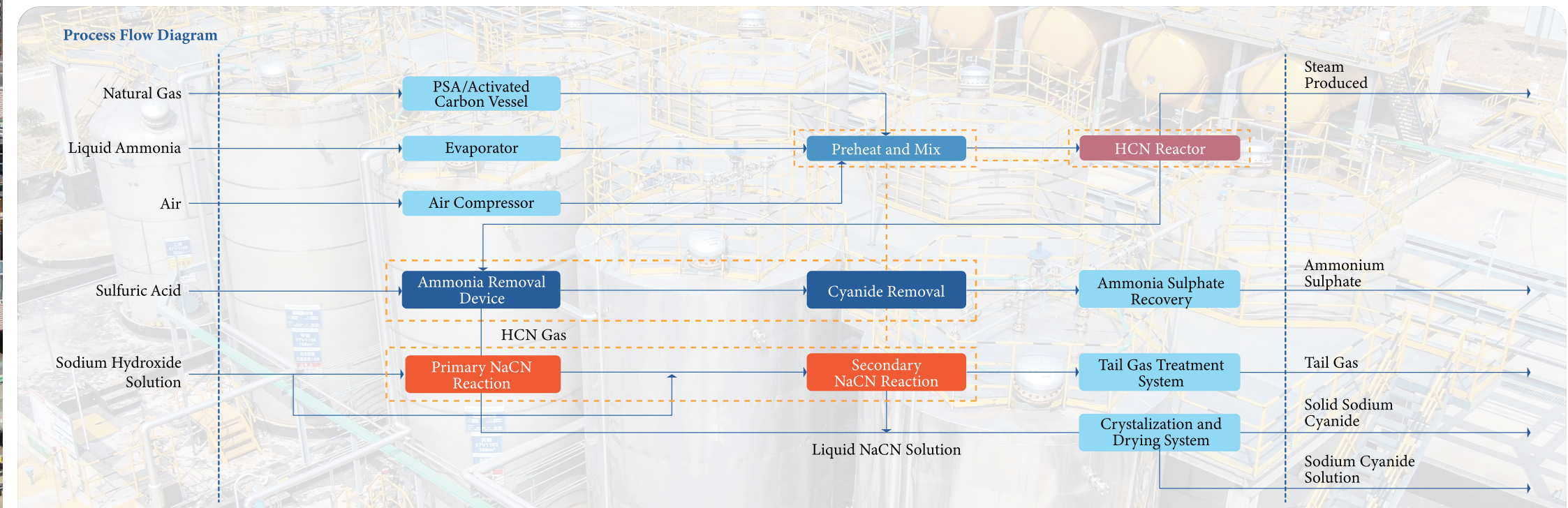


DODGEN HCN/NaCN TECHNOLOGY ADVANTAGES



- ### Challenges in High-Purity HCN/NaCN Process
- High catalyst loss and consumption
 - Low ammonia conversion rate
 - Poor deammonization effect, distillation aggregation
 - Low yield, and multiple downstream product side reactions
 - Safety risks, easy to interrupt, unstable production

- ### Advantages of DODGEN Technology
- Integrated process technology for producing HCN/NaCN/high-purity HCN from natural gas
 - Advanced mixed distribution reaction technology and liquid HCN refining separation technology
 - High operational safety, good equipment stability, excellent product flexibility
 - High ammonia conversion rate, high yield of liquid hydrogen cyanide in distillation
 - Efficient ammonia removal
 - Low energy consumption



DODGEN HYDROGEN CYANIDE ACHIEVEMENTS

DODGEN has developed a single-series PDP that can cover hydrogen cyanide production capacities from 4,000 tons/year to 60,000 tons/year. In China, DODGEN is currently the largest technical service provider for industrial capacity in China, have a hydrocyanic acid reference with a total capacity of 240,000 tons/year (Hebang Biology).

The designed capacity of liquid sodium cyanide can reach 100,000 tons/year. In China, we have two 100,000 tons/year references (Zhejiang NHU Co., Ltd. & Jincheng Hongsheng Chemical Co., Ltd.). We also have a performance of NaCN project in South Asia with a capacity of 10,000 tons/year.

DODGEN's technology is the most advanced in China, with the lowest raw material consumption and lowest energy consumption.

