

# China Denitration Industry Report, 2009-2010



Along with the economic development, China's NO<sub>x</sub> emission increased from 5 million tons in the 1980s to 24 million tons in 2009. In order to control the NO<sub>x</sub> emission, the Ministry of Environmental Protection of PRC required, in 2009, that the thermal power units of key areas must be installed with denitration devices. It is estimated that, from 2010 to 2014, the annual market capacity of China's thermal power denitration averages RMB11.5 billion, of which the average annual denitration market capacity of Beijing-Tianjin-Hebei region, Yangtze Delta Area, and Pearl River Delta Area is RMB4 billion, RMB3.7 billion, and RMB1.3 billion respectively.

The main technologies of China's denitration industry are introduced from abroad, such as America's B&W, Germany's Lurgi and FBE, Japan's Mitsubishi and Hitachi, Italy's TKC, etc. At present, Chinese manufacturers which provide denitration project include CPI Yuanda Environmental-Protection Engineering Co., Ltd, Fujian Longking Co., Ltd, Dong Fang Boiler Group, Harbin Boiler Company, Beijing Guodian Longyuan Environmental Engineering Co., Ltd., etc.

### Main Enterprises Providing Denitration Project, 2010

Enterprise	Technology Source	Catalyst Source
Yuanda Environmental-Protection	TKC Italy	Cornetech USA
Fujian Longking	Topsoe Denmark	Topsoe Denmark
Guodian Longyuan	FBE	CCIC Japan and DKC
Datang Environmental Technologies & Engineering	BHK Japan	Topsoe Denmark
sIDEC	Ishikawajima	Cornetech USA
Harbin Boiler Company	Mitsubishi Heavy Industries, Japan	Coming, CICC Japan, DKC
Dong Fang Boiler Group	Lurgi	DKC
Tsinghua Tongfang	TKC Italy	BASF, BHK Japan
Zhejiang University Energy Technology	BHK Japan	BHK Japan
SGEEE	BHK Japan	BHK Japan
B&W BC	B&W USA	BHK Japan

Source: ResearchInChina

Based on the requirements of installing denitration devices for thermal power units issued by the Ministry of Environmental Protection of PRC, the report investigates the market capacity of thermal power denitration and SCR denitration catalyst, and analyzes the supply situation and major enterprises.

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