

2017中国石油化工和煤化工环保大会

Petrochemical & Coal Chemical Environmental Protection

-- 技术升级和商业模式创新解决环保问题

-- Technological upgrading & business mode
innovation solving environmental issues

2017.9.20 中国 济南 Jinan China



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English-Chinese Simultaneous Interpretation will be provided.

Background

Environmental protection is one of the most important issues for petrochemical industry. According to <Emission Standard of Pollutants for Petroleum Refining Industry> and <Emission Standard of Pollutants for Petrochemical Industry> published by MEP in 2015, water and air pollutant emissions control should be carried out in accordance with regulations of latest standards since Jul 1st 2015 for new projects and since Jul 1st 2017 for existing companies.

Benefit from persistently depressed oil price, the profitability of China's oil refining & petrochemical industry has been greatly improved. Especially for refining & chemical integration units, the production mode of integrated layout of oil refining, ethylene and aromatics, can increase the added value of oil processing products and reduce construction investment. Under this background, investment intentions in China's oil refining & petrochemical industry is enhanced. However, petrochemical production is also accompanied by emissions of wastewater, exhaust gas and solid waste, and the treatment of volatile organic compounds (VOCs) is getting more and more attention.

Coal chemical has become an important supplement for petrochemical industry, and the up-to-standard discharges is the task coal chemical industry must accomplish. Since the implementation of new edition of <Environmental Protection Law> in Jan 2015, the approval of EIA has become the key of new coal chemical projects. In Nov 2015, MEP solicited opinions on <Modern Coal Chemical Construction Project Environmental Access Conditions>, which could help coal chemical projects to gain reference at EIA stage, in aspects of planning, project site selection, pollution control, environmental technology selection, etc., as well as to improve the EIA standard and success rate of approval.

In the whole process of design, construction, commissioning and operation of petrochemical and coal chemical projects, environmental protection principles shall be rigorously followed, while to meet the requirements of completion acceptance and routine supervision is a real challenge for project operators. New projects should learn from successful experiences of large scale plants, and finally solve the environmental problem through technological upgrading & business mode innovation, to achieve the sustainable development of petrochemical and coal chemical industry.

Petrochemical & Coal Chemical Environmental Protection 2017 will be held on 20 September in Jinan, Shandong, China. The conference will discuss environmental policy and petrochemical & coal chemical industry outlook, EIA & environmental experiences of large scale petrochemical & coal chemical projects, wastewater, exhaust gas and solid waste treatment technologies and applications for petrochemical & coal chemical industry, outsourcing solutions for environmental protection units, water-saving & energy-saving technologies as well as CO₂ capture & utilization proposals.

Preliminary Agenda

Sep.19, 2017	Tuesday
16:00~21:00	Pre- conference Registration
Sep.20, 2017	Wednesday
08:30~12:30	Speech
12:30~14:00	Networking Lunch
14:00~18:30	Speech
18:30~20:00	Banquet

Topics

1. Environmental policy and petrochemical & coal chemical industry outlook
2. EIA key points analysis of petrochemical & coal chemical projects
3. Safety & environmental management: large scale petrochemical & coal chemical projects experience
4. Environmental monitoring solutions for chemical industrial parks & companies
5. Oil refining & petrochemical wastewater treatment & up-to-standard discharge
6. Coal chemical wastewater zero emission routes & mixed salts utilization solutions
7. Business mode innovation – outsourcing wastewater and off gas treatment
8. VOCs comprehensive treatment of petrochemical & coal chemical plants
9. Innovative solutions for sulfur recovery and flue gas desulfurization & denitrification
10. Petrochemical & coal chemical solid wastes treatment and utilization
11. Water-saving and energy-saving & consumption-reducing technologies
12. CO₂ capture, storage and utilization technologies for petrochemical & coal chemical projects