

Invitation Letter

CSPE Environmental Technology & Facility Committee

Hazardous waste disposal industry is laws and regulations and policy oriented, look at the history of the global hazardous waste disposal industry development, the more sound environmental regulations, stringent environmental standards and environmental enforcement countries, Hazardous waste treatment industry will be more developed.

Since 2012, after release "Twelve Five" hazardous waste pollution prevention and control plan ",China keep hazardous waste pollution prevention and control job as a key area of environmental protection. Laws and regulations on hazardous waste management and technical specifications have also been released in recent years, accelerating the hazardous waste treatment industries development.

In 2013, the "Hazardous Waste Transfer Manifest Management Measures" and the Hazardous Waste Identification, Incineration and Landfill standard。 China has built a series of hazardous waste treatment management system.

In June 2013 the the supreme people's court of PRC and the supreme Ppeople's procuratorate of PRC introduced the judicial interpretation,clear that illegal discharge, dumping, disposal hazardous waste more than three tons will be identified as the crime of environmental pollution.

28 May 2016, the state council issued "Soil Pollution Control Action Plan",it will promote the hazardous waste disposal pollution resources management and control.

June 21, 2016, the new version of "National Hazardous Waste List" update,the hazardous waste was adjusted to 46 major categories and 479 species.

November 7, 2016, President Xi Jinping signed a chairman's order to revise the "People's Republic of China Solid Waste Pollution Prevention Law".

November 24, 2016, the State Council issued the "thirteen five" ecological environmental protection planning notice ",put forward a number of hazardous waste disposal planning content.

In December 2016, the Ministry of Environmental Protection issued "cement kiln co-disposal of solid waste pollution prevention and control technology policy", "hazardous waste identification work guide (Trial) (draft)" and "hazardous waste construction project environmental impact assessment guidelines Draft) "

December 25, 2016, "the People's Republic of China Environmental Protection Tax Law" adopted, which provides that the amount of hazardous waste tax is 1,000 rmb / ton.

April 27, 2017, the Ministry of Environmental Protection develop the 13th Five-Year national HW regulatory management inspection work program.

After this series of intensive combined environmental policy released, the hazardous waste management and control gradually were on the right track, leadthe hazardous waste disposal industry usher in development opportunities. Strengthen the dynamic regulation, hazardous waste control will be more standardized, strict,lean.

China generate around 100 million tons hazardous waste in one year, and growth was accelerated.With the tightening national policy,making the rhythm of waste disposal continues to accelerate,bring the expansion of the market blue ocean at the same time as well.

From the relevant statistical data,China hazardous waste has three major sources: first, industrial waste such as waste acid waste alkali, metal, organic, residue, etc, accounting for 70-75% of all hazardous waste generation, second, medical waste such as medical and health, pharmaceutical and other industries accounting for about 14%, third, the daily life process generating waste, such as the pesticides in the life and agriculture, accounting for 11-16%.From the above data, industrial waste accounted for a higher weight.Ministry of Environmental Protection statistics show that China's industrial waste production capacity of 42.2 million tons in 2015,increased by 16.1% compared with 36.335 million tons in 2014.As the amount of hazardous waste generated increases, the

number of operating licenses issued is also increasing.As of the end of 2015, the total number of hazardous wastes (including medical waste) business licenses issued by the provinces (autonomous regions and municipalities) was 2034, an increase of 113 compared with 1921 in 2014.The whole country's hazardous waste management companies approved treatment capacity is 52.63 million tons / year, an increase of 22.3%, increased by 9.59 million tons / year compared with the same period.Which the use of the scale approved is 41.551 million tons / year,the approved treatment scale is 98.24 million tons / year.

From the actual use of disposal situation, the actual operation of hazardous waste scale of 15.36 million tons in 2015, of which the actual utilization is 1096.8 tons,disposal is 4.26 million tons. With the development of China's economy and the level of industrialization improvement,the amount of waste generated by the country showed a rapid increase in the situation.The Ministry of Environmental Protection issued the "2016 national large and medium-sized city solid waste pollution prevention and control of the annual report" shows that from 2011 to 2015, the national emissions of hazardous waste is from 34.3122 million tons rose to 39.746 million tons, an increase of 9.43%.It is estimated that by 2019, China's hazardous waste emissions will exceed 50 million tons.In 2016,246 large, medium-sized cities in the country released in 2015 solid waste pollution prevention and control of environmental information to the community.The released information in large and medium industrial industrial hazardous waste generated amount of 28.018 million tons, an increase of 15%.Among them, the comprehensive utilization 13.727 million tons, the disposal capacity is 12.534 million tons, storage capacity is 2.167 million tons, the comprehensive utilization of industrial hazardous waste accounted for 48.3% of the total disposal, disposal, storage accounted for 44.1% and 7.6%,effective utilization and disposal is the main approach to deal with industrial hazardous waste. From 2011 to 2015,China's hazardous waste treatment capacity is lower than the production,the treatment rate has increased significantly, but still maintained at a low level,the overall supply capacity shortage.Becasue a large number of hazardous wastes are disposed illegally, the actual legal treatment rate may be lower.Currently hazardous substances already have a certain stock. In addition, China has about 3 million tons of hazardous waste temporary storage in the production companies every year, the cumulative storage capacity has reached more than 30 million tons.Thousands of tons hazardous waste are discharged into the environment every year, with great hidden dangers.China has more than 70 chrome salt production plants before,more than 2/3 of the enterprises were shut down and bankruptcy for various reasons, left about 4.5 million tons of chromium slag stacked,mostly untreated, resulting in huge Hidden danger.Statistics show that the actual utilization of hazardous waste disposal is still very low, the gap is large,there is a great potential in the market for mining.

With the future more stringent hazardous waste disposal policy improvement and supervision, more statistical caliber outside the waste will be classified as statistical caliber,hazardous waste treatment industry is expected to continue to maintain a high degree of prosperity the next 3 years to 5 years,the golden age of hazardous waste disposal has been opened.The HW ledger system may be fully implemented during thirteen five period,many cross-border companies enter the HW waste disposal market,the higher level industry profitability and profit margins stabilized.From the market supply and demand relationship, the current hazardous waste disposal capacity is seriously inadequate, short-term demand for the phenomenon will continue.The status quo in short supply pushed up the price of hazardous waste disposal, hazardous waste disposal market is more and more popular for the pollution control enterprises and capital markets.

At present, the average price of harmless treatment in the market is about 2,000 rmb / ton,in case estimate as the resource disposal by 3,000 rmb / ton, and then in accordance with the comprehensive disposal rate of 85%, 60% of the proportion of resource disposal, China Hazardous waste treatment will maintain a compound growth rate of 15% in the next five years. China's HW treatment market is expected to form about 218.7 billion RMB output value by 2020 .

Based on the previous year's successful event, to explore hazardous waste treatment industry 's future development strategy, exchange the domestic and international latest and most environmental friendly hazardous waste treatment technology, share the successful experience of domestic and international enterprises in hazardous waste treatment industry, hereby Asia hazardous waste treatment Congress 2017 will be scheduled on this 27th-28th Nov in Shanghai.

We sincerely invite you taking the time to attend the " Asia hazardous waste treatment Congress 2017 ", share with us your views and suggestions concerning the hazardous waste treatment. We look forward to provide a platform for the entire hazardous waste treatment supply chain, promote the policy complement, business cooperation, networking the technology as well, make a contribution for the treatment efficient environmental friendly hazardous waste treatment industry. Looking forward to your support and attendance !



June 18th 2017