

HYDREX ASIA LIMITED

WASTEWATER TREATMENT FOR HEAVY METAL INSTALLATION REFERENCE



Business Nature:

- Design and Supply of Water and Wastewater Treatment Plants
- Project Management and Construction of Water and Wastewater Treatment Plants

Main Products:

- Design and Supply of a Complete Range of Water Treatment Systems
- Design and Supply of a Complete Range of Sewage and Wastewater Treatment Systems
- Design and Supply of Wastewater Recovery and Recycle Systems
- Supply of Anaerobic Systems for High Strength Industrial Wastewaters
- Supply of Advanced Wastewater Treatment Systems for Nitrogen and Phosphorous removal

A single source water and wastewater treatment company with total capability to design, supply and construct water and effluent treatment facilities.

HYDREX ASIA LTD.

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HYDREX – Treatment for Wastewater with Heavy Metals

Hydrex designed a wastewater treatment plant for a television CPT factory in Guangdong. The project was very challenging, as it had to remove various kinds of toxic heavy metals and other chemicals such as PVA, fluorescent powder, graphite, hydrofluoric acid and etc. The plant was inspected and audited by the Environmental Authorities after it was put into operation. Later on, an Outstanding Award was presented to the CPT factory by the National Environmental Department due to the outstanding design and performance of the wastewater treatment plant.



In a large steel cladding factory in the Philippines, its raw wastewater contained emulsified paint and heavy metals such as chromium, nickel, zinc etc. It was highly corrosive and with high flow and concentration fluctuations. Hydrex was awarded the contract to design and supply a fully automatic wastewater treatment plant with monitoring system for this factory.



Central Control & Instrument Panels of a Wastewater Treatment System (above)

Operating Tanks, Control Panel and Equipment (left)