

## WASTE MANAGEMENT

WASTEWATER

BIOGENIC WASTE

REFUSE-DERIVED FUEL

>> HAZARDOUS WASTE

SEWAGE SLUDGE



# HIGH TEMPERATURE INCINERATION: **CLEAN AND ECOFRIENDLY**



## HIGH TEMPERATURE INCINERATION PLANT

Do you want to responsibly and efficiently dispose of chemical and pharmaceutical residues, mother liquors, solvent mixtures, hazardous, toxic and hard-to-handle waste without production downtime? You've come to the right place. Just look after your core business, and leave the waste incineration to us.

# HAZARDOUS WASTE AND RESIDUES

## SAFE INCINERATION AND DISPOSAL

**You can expect a full-service package from Infracore: from quick and efficient just-in-time disposal of production residues to the preparation and coordination of official disposal records with government officials.**

We operate industrial and chemical sites, and so know how to properly handle and destroy hazardous production waste at our residue incineration plant. We use the waste heat from incineration to generate steam which we feed into the Industriepark Höchst steam supply network. Our emissions consistently conform to the limits set out in the 17th Regulation to the German Federal Immissions Control Act (17. BImSchV). In fact, they usually fall well below them.

We dispose of or recover energy from solid, liquid, pasty and gaseous wastes in accordance with the waste acceptance list and acceptance criteria for our residue incineration plant. We also accept dusty and gaseous wastes. We accept everything from camping gas bottles to industrial compressed gas cylinders and dispose of them cleanly, safely and in full compliance with legal requirements.

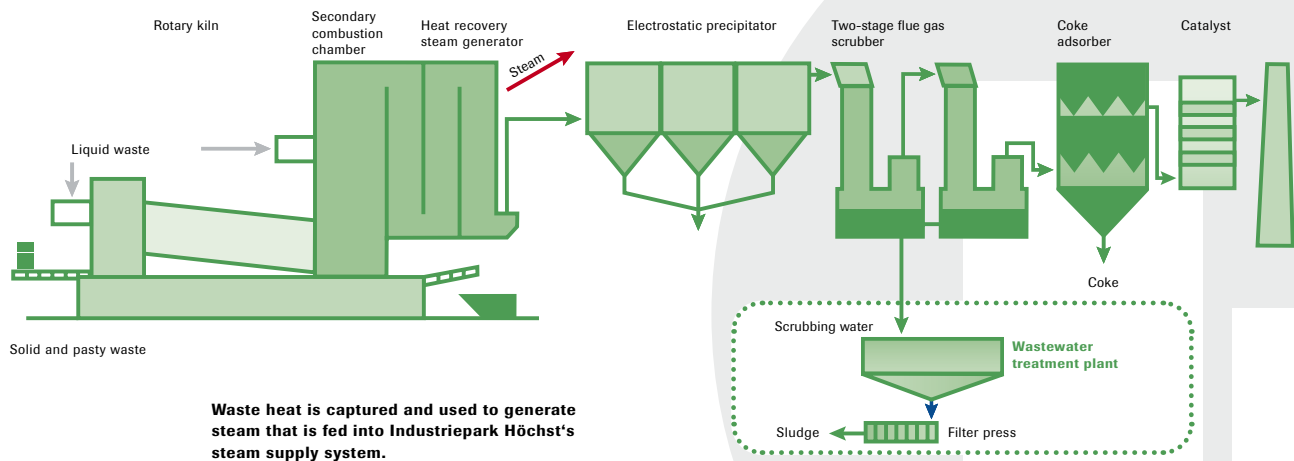
### WASTE TYPES

- Over 300 categories of waste as defined in the Waste Catalog Ordinance with over 1,800 individual waste types
- Solid, liquid and gaseous waste in accordance with the waste acceptance list and acceptance terms and conditions
- Highly viscous waste is heated during unloading
- Toxic and very toxic waste
- Highly noxious waste such as halogenated hydrocarbons
- Easily flammable, highly flammable and spontaneously combustible wastes
- Scheduled waste under the Chemical Weapons Convention

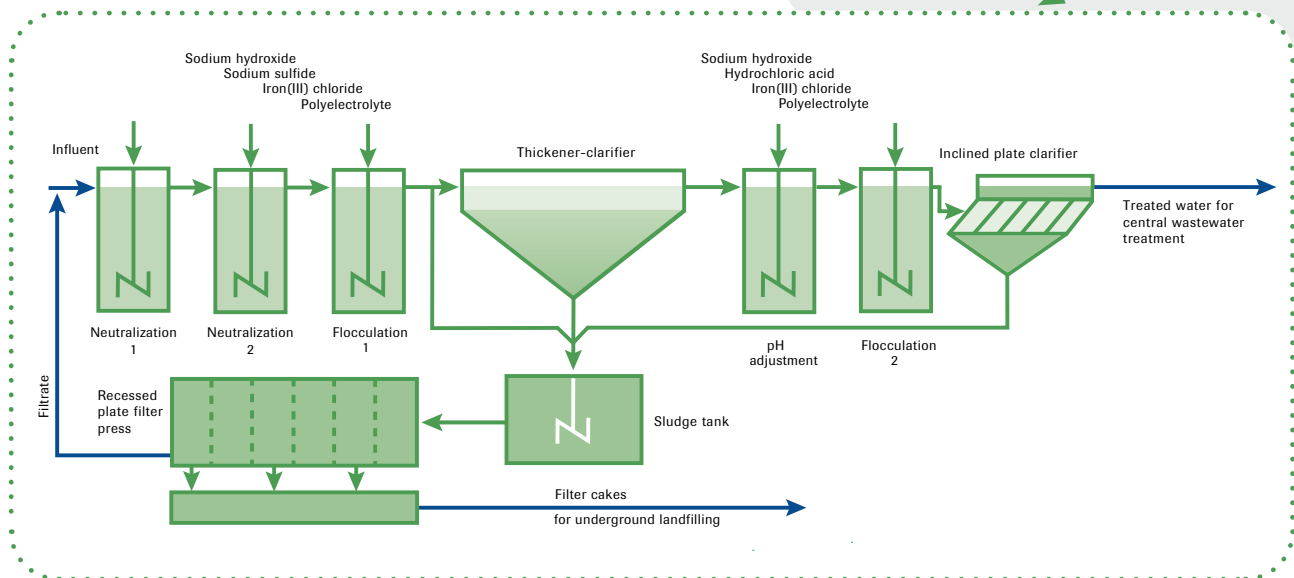
### DELIVERY OPTIONS

- Immediate road and rail access to the plant
- Liquid waste accepted in all standard road and rail container types as well as a variety of special containers
- Solid waste accepted using the drum lift
- Dusty waste accepted in big bags or dry bulk tank trucks

## DIAGRAM OF THE HIGH TEMPERATURE INCINERATION PLANT



## DIAGRAM OF THE WASTEWATER TREATMENT PLANT



**Diagram of the wastewater treatment plant for treating water from the flue gas scrubber. The treated wastewater is purified again in the wastewater treatment plant.**

### TECHNICAL DATA OF THE HIGH TEMPERATURE INCINERATION PLANT

Number of incineration lines	2
Incineration capacity	60,000 t/a
Incineration temperature	850 °C–1,200 °C
Maximum heat output	40 MW
Maximum steam output	48 t/h
Rotary kiln (length x diameter)	10 m x 3.6 m
Number of fields in electrostatic precipitator	3
Scrubbing water circuit for flue gas scrubber	500 m³/h per stage

### YOUR BENEFIT:

#### SAVE TIME AND MONEY

- Entrust the final disposal to us and reduce your liability as the waste generator
- Safe, environmentally responsible disposal for your ecological footprint
- Improve your public image by staying well below regulatory emission limits
- Let our experts handle all the necessary processes for you

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## Contact

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