

# Oil Sludge Incineration Plant



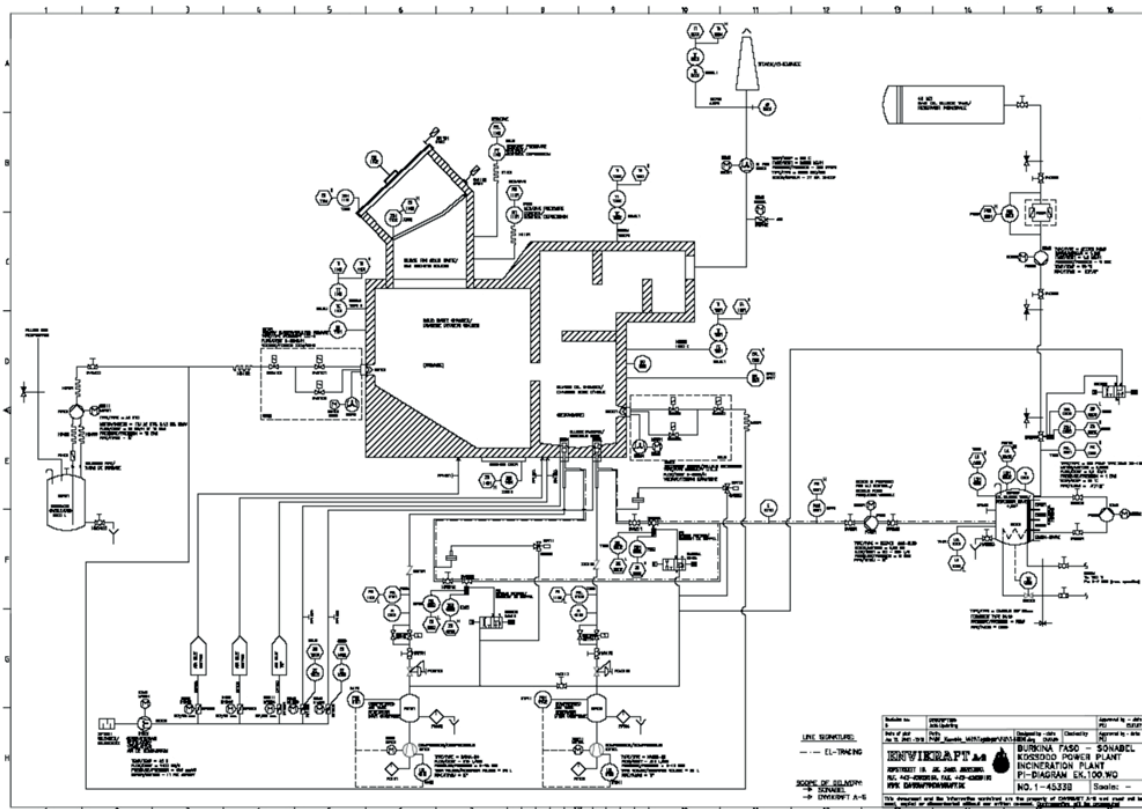
Kossodo Power Plant in Burkina Faso in West Africa is a government owned power station. Oil sludge is a bi-product from the electricity production, and the company operates a new and modern sludge incineration plant supplied by Envikraft

The incineration plant is capable of treating up to 1,500 tonnes of waste annually.

The plant has a design capacity of 1000 kW burning waste at an average calorific value of 21 MJ/kg.



**ENVIKRAFT**



Envikraft in Denmark supplied the new turn-key system for the treatment of oil sludge and contaminated solid waste at Kossodo Power Plant.

## Main plant data

Nominal capacity	1000 kW
Waste calorific value	21 MJ/kg <sub>AV</sub>
Heat production	1 MW

## The scope

Fully automatic waste incinerator with flue gas emission monitoring and control. Oil collection and transport system is part of the scope, as is the solid waste treatment chamber with safety feeding system.

## Emissions to air\*

Dust	<100	mg/Nm <sup>3</sup>
NO <sub>x</sub>	<200	mg/Nm <sup>3</sup>
CO	< 50	mg/Nm <sup>3</sup>

\* Standardized at 273 °K, 101.3 kPa, 11 % oxygen, dry gas.

The complete plant is automatically controlled and monitored via a control and monitoring system designed by Envikraft.

## Special features

- Low fly ash carryover
- Efficient burnout of CO and particles
- Efficient burnout of bottom ashes

Envikraft  
3 Boserupvej  
Stavnsbølt  
DK-3520 Farum  
Denmark  
[www.envikraft.net](http://www.envikraft.net)  
e-mail: [info@envikraft.net](mailto:info@envikraft.net)



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