

# Cail-KCP & Fletcher spent wash incinerator

Spent / vinasse / stillage incineration



## The optimal cogeneration solution from hazardous distillery effluent

- Ideal for cogeneration
- Zero spentwash discharge
- Continuous operations, long duration, multi-fuel option
- Meets complete steam and power requirement for distillery
- A revenue-generating model

A flexible technology, Cail-KCP & Fletcher spent wash incinerator offers a smart solution for burning the concentrated spent wash together with biomass support. Designed for multi-fuel firing with zero discharge, Cail-KCP & Fletcher incinerator ensures efficient and safe combustion of spent wash.

#### FLEXIBLE TECHNOLOGY, IDEAL FOR COGENERATION

- Suitable for burning spent wash with 100% bagasse or 100% coal or bagasse/coal in combination
- State-of-the-art technology for reliable and efficient steam production which can be used for cogeneration purpose
- Potash rich fly ash and bottom ash collected separately thanks to travelling grate

#### ROBUST AND PROVEN DESIGN, EASY MAINTENANCE

- Pioneering and proven technology
- State-of-the-art design ensuring no corrosion on the heating tubes
- No need of mechanical cleaning, chipping, hammering or water washing

#### UTMOST AND ECO-FRIENDLY SOLUTION

- No effluent discharge
- Efficient and safe combustion of spent wash thanks to special design of the spray guns
- Consistent steam temperature thanks to super heater with attemperator in horizontal third pass of boiler
- Compliant with the most stringent environmental standards thanks to the special design of the bag filter



- Indonesia's first spentwash incinerator commissioned successfully
- World's largest spentwash incinerator in smooth and continuous operation at Dhampur, Uttar Pradesh, India (75 TPH Boiler)
- 40+ references

More than 40 references among which the selected ones

Site	Fuel fired	Capacity t/h	Pressure kg/cm <sup>2</sup> (g)	Temperature °C
Rajashree Sugars and Chemicals Limited - Tamil Nadu	Vinasse with bagasse/coal	30	44	400
Dhampur Sugar Mills Limited* - Uttar Pradesh	Vinasse with bagasse/coal/rice husk	75	44	400
PT Molindo Raya Industrial** - Indonesia	Vinasse with coal	56	44	400
Shree Durga Kandsari Sugar Mills - Madhya Pradesh	Vinasse with bagasse/coal	16	44	400
Triveni Engineering Industries Limited - Uttar Pradesh	Vinasse with bagasse/coal	60	44	400
Shree Renuka Sugars Limited - Karnataka	Vinasse with bagasse/coal	75	44	400
Dalmia Sugars Limited - Uttar Pradesh	Vinasse with bagasse/coal	40	44	400
Balrampur Chini Mills - Uttar Pradesh	Vinasse with bagasse	60	44	400

\*World's largest spent wash incinerator. \*\*Indonesia's first spent wash incinerator.

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#### CONTACT

sales.energy@fivescail-kcp.com  
T +91 44 6612 8849/8866/8867

Fives Cail-KCP  
www.fivesgroup.com/energy-sugar



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