



VORSEP[®]

BIOMASS COMBUSTION SYSTEM

CUTTING-EDGE SOLUTIONS FOR
A SUSTAINABLE TOMORROW

DARK SMOKE ENDS TODAY.

WITH OUR DARK SMOKE CONTROL
SYSTEM: ACHIEVING A PROVEN 100%
SUCCESS RATE

Dark smoke continues to be a burden for palm oil mills, but worry not, get ready to say goodbye to this issue with VORSEP®'s dark smoke control system!

Our cutting-edge technology is custom-designed to complement your existing boiler control system to manage the boiler combustion process effectively and eliminate dark smoke.

By investing in this system, not only will you be ensuring compliance with environmental regulations but also enhancing the efficiency of your mill.

Improve air quality, reduce your carbon footprint, raise your reputation in the palm oil industry and choose VORSEP® today.

UNDERSTANDING THE CHALLENGE

THE CAUSES OF BLACK SMOKE

- Fuel Condition
- Overfeed
- Slow response to steam demand
- Slow response to the dark smoke formation
- Incorrect air/fuel ratio

OUR TAILORED SOLUTIONS

- Control Fuel Feed to steam demand
- Control Forced Draft to fuel feed
- Control Furnace Pressure
- Automated response based on smoke opacity

YOUR PROMISED RESULTS

- Dark smoke emissions to within allowable limits
- Faster response to steam demand
- Better steam quality
- More energy efficient
- Efficiency fuel consumption
- Higher boiler efficiency
- Reduced CO₂ and CO emissions
- Protect the environment

for enquiries contact us at:



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