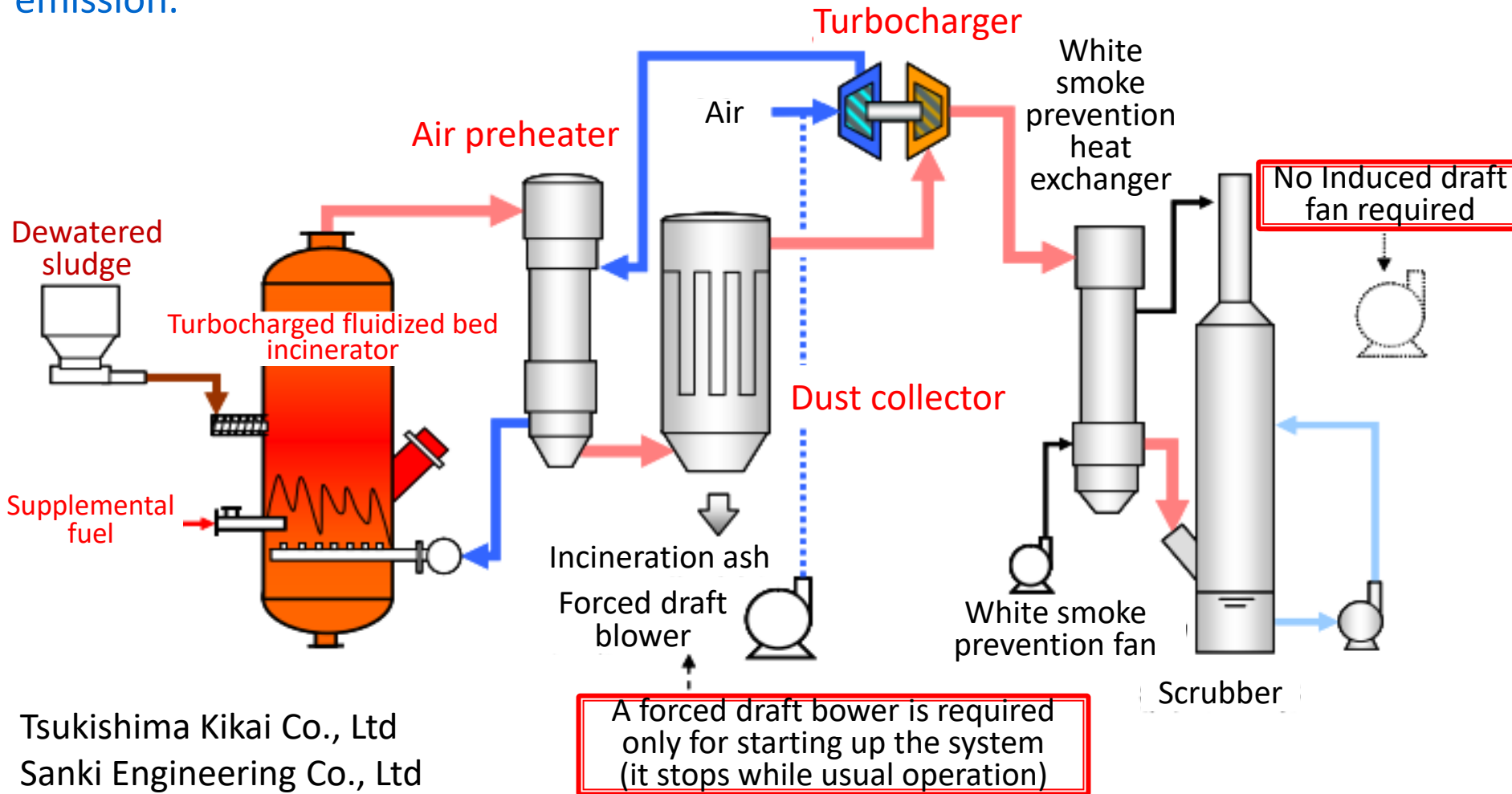


Turbocharged Fluidized Bed Combustion System

Combust sewage sludge under approximately 0.15MPaG pressure. A turbocharger recovers energy-rich exhaust gas generated in high-density combustion. Enables major reduction of power consumption and greenhouse gas emission.



Turbocharged Fluidized Bed Combustion System

Tsukishima Kikai Co., Ltd, Sanki Engineering Co., Ltd

Enable **direct** energy usage with utilizing a universal **turbocharger**

- Incinerate sewage sludge under approximately **0.15MPaG** and drive the **turbocharger** with exhaust gas
- The turbocharger takes outside air in, compresses and supplies it as combustion air to the incinerator

■ Feature

- Neither **forced draft blower** nor **induced draft fan** is required :
The turbocharger also works as them

Reduce power consumption by
40 to 50 %

