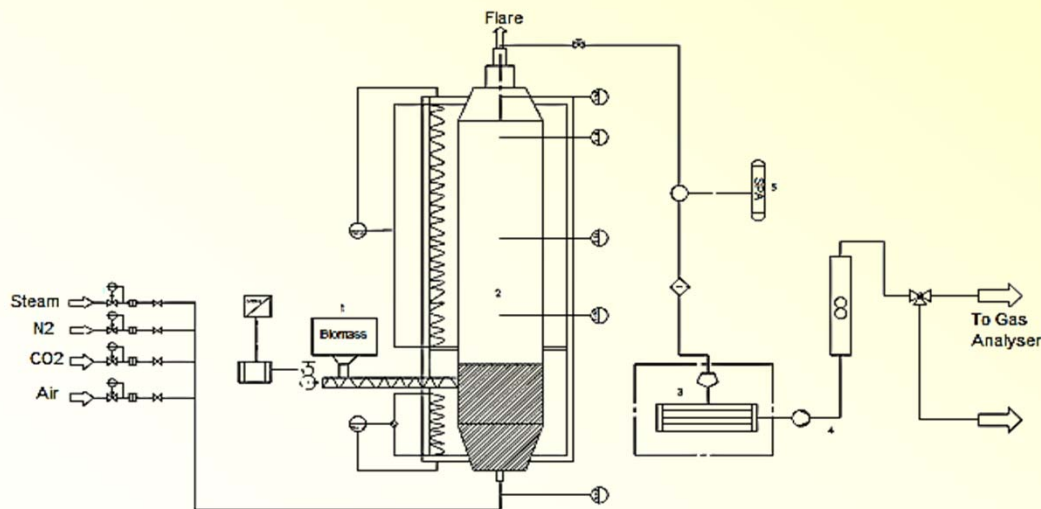


Fluidized bed gasifier



1. biomass feeder; 2. BFB gasifier; 3. gas cleaning 4. gas flow regulator 5. tar SPA sampling points

Characteristics:

- Power 15 KW
- Temperature range : 500 – 950 °C
- Biomass in 1 – 3 kg/hr
- Internal diameter 10 cm
- Height 1 m
- Conical air supply section
- Air, N₂ O₂ and steam supply
- Continuous biomass feed
- Biomass particles up to 1 cm
- Many sample locations

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