

Measure Exhaust Gas in New Energy Generation Process

Biomass power generation is called "Carbon neutral" because the amount of Carbon Dioxide emitted and absorbed are the same. It is attracting attention as a new power generating technology that reduces carbon dioxide. However, compared to conventional power generating technology, issues regarding efficiency and economic aspects have been pointed out and mixed combustion of waste and coal have also been implemented.

Contributes to highly efficiency of power generation by preventing incomplete combustion caused by the decrease of circulated Oxygen concentration.

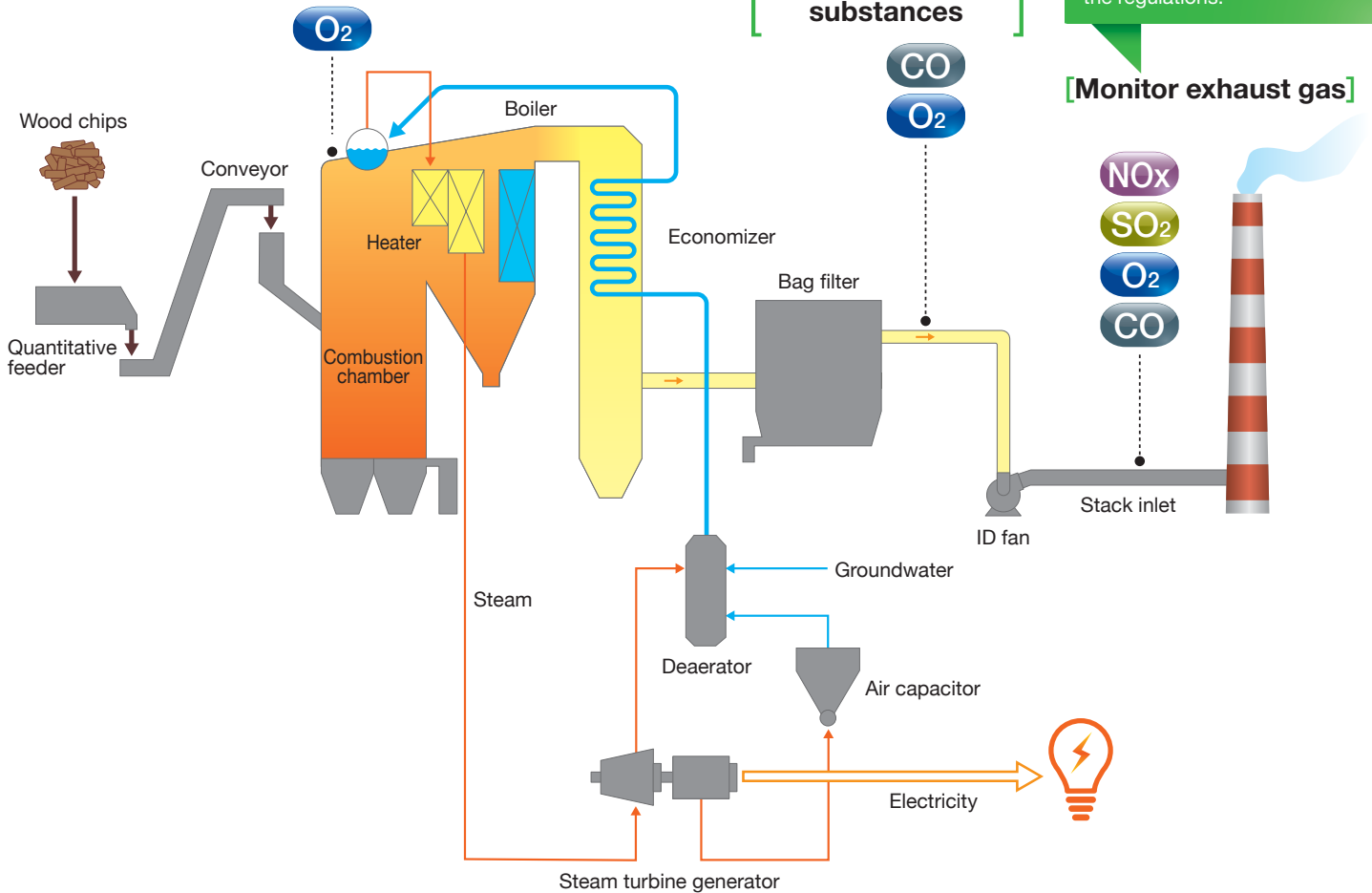
Monitors and controls the generation of harmful substances such as dioxins generated by incomplete combustion and incineration conditions.

Measures whether exhaust gas emitted from the stack meets the regulations.

[Monitor combustion inside of boiler]

[Monitor hazardous substances]

[Monitor exhaust gas]



Stack Gas Analyzer ENDA-5000 Series



- Measure exhaust gas not only from power plants but also incineration plants and petrochemical plants
- Simultaneous and continuous measurement of five components (NOx, SO₂, CO, CO₂, O₂)
- Long term stability by Cross Flow Modulation type NDIR

Multi Component Gas Analyzer VA-5000 Series



- Multi gas analyzer that can be used in various applications from scientific experiments and research purposes to exhaust gas measurement
- Continuous measurement up to four components by one unit (CO, CO₂, CH₄, N₂O, NO, SO₂, NH₃, O₂)
- Covers a wide range of measurement with one unit whether the concentration is low or high
- The optimal measurement range can be always selected. Equipped with a high sensitivity detector