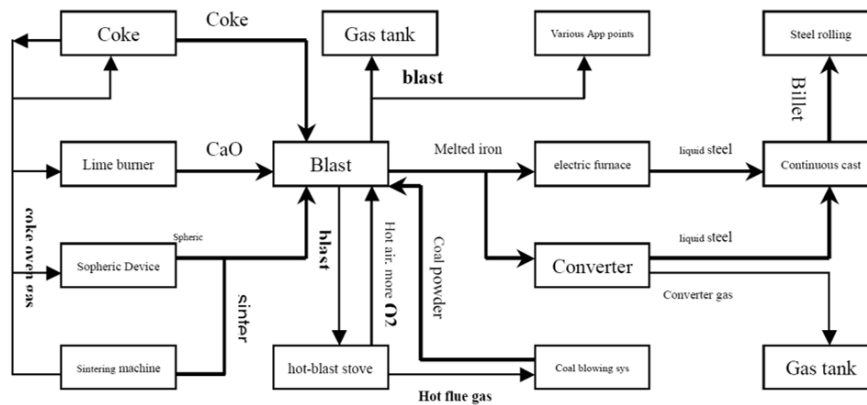


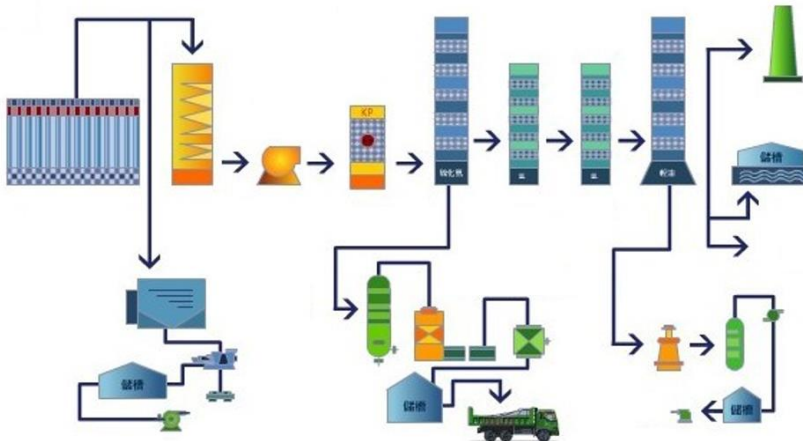
Application Note – Coke Oven Gas



- 1) Iron making = conversion of ore to liquid iron in blast furnace
- 2) Steel making = conversion of pig iron to liquid steel in converter (BOF)

LaserGas measurement points:

- CO analysis in oven off gas
- O₂ analysis in raw gas or after tar precipitator
- O₂ analysis in clean coke gas
- NH₃ measurement after scrubber
- H₂S measurement after scrubber



NH₃ measurement

- Installed after the NH₃ scrubber
- Range 0 – 500 ppm (typical 10 ppm)
- Replaced manual sampling method
- Customer benefit
- Fast, precise measurement
- No sampling
- Reduced problems with corrosion
- Reduced operation cost



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