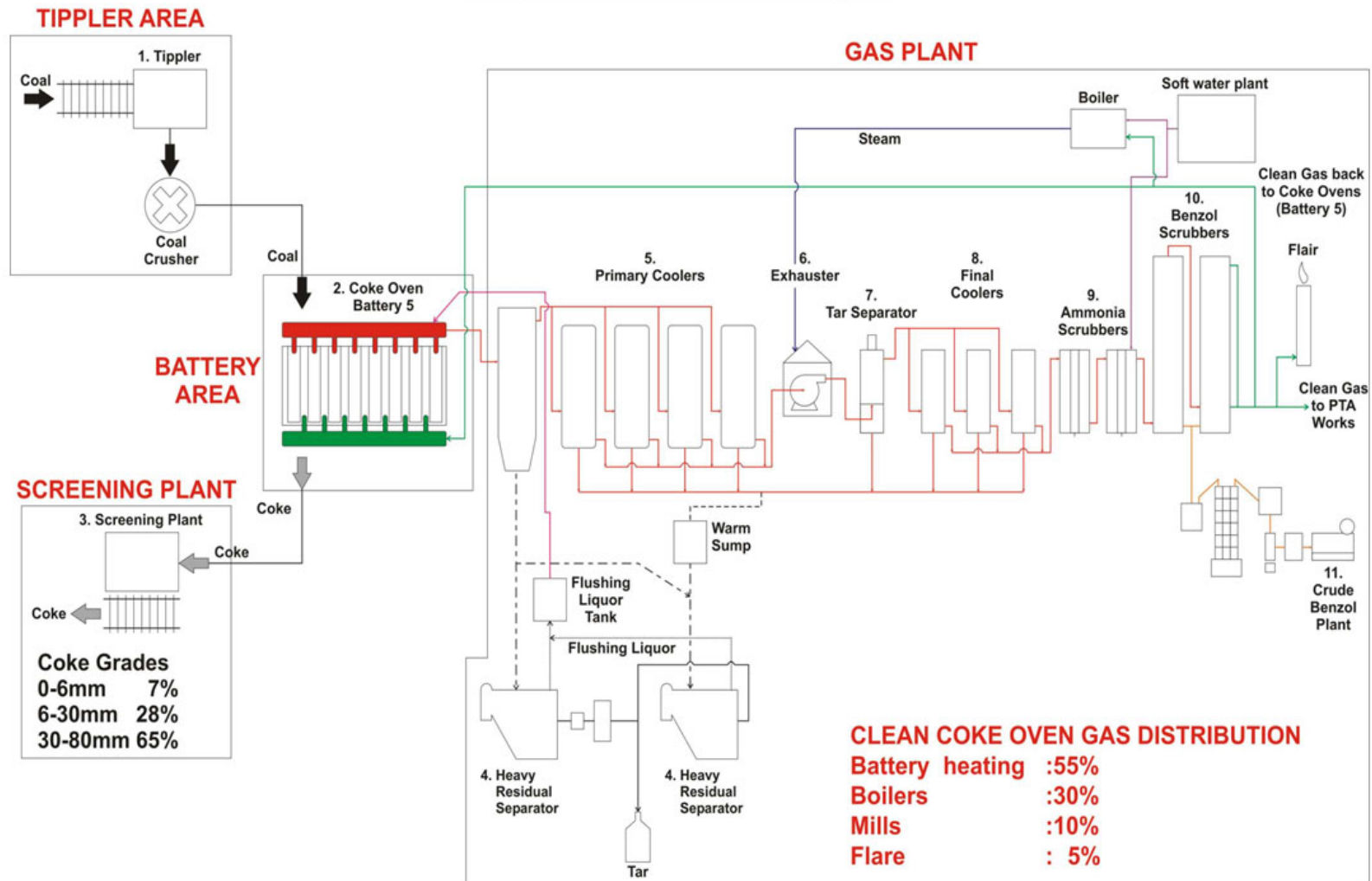


Coke Oven Process Flow Diagram

Simplified Process Flow Diagram



Plant Detail and Throughput

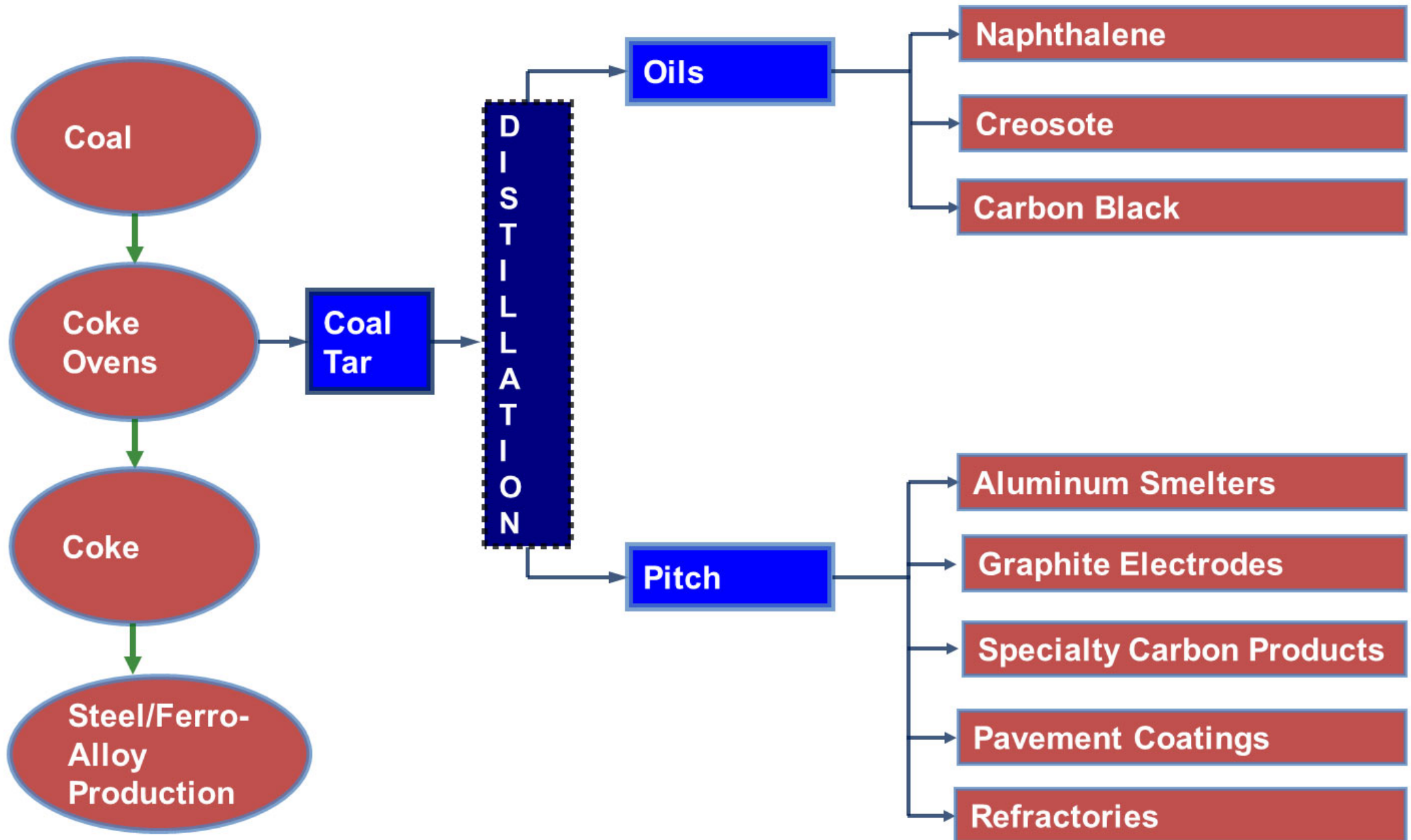
Battery Characteristics

- Year built 1960 - 1963
- Type WOODALL-DUCKAM
- Total number of ovens 51
- Coal volume m³ 18,4 cubic meter
- Coal mass dry 13.8 tons
- Heating time (h) 19.5

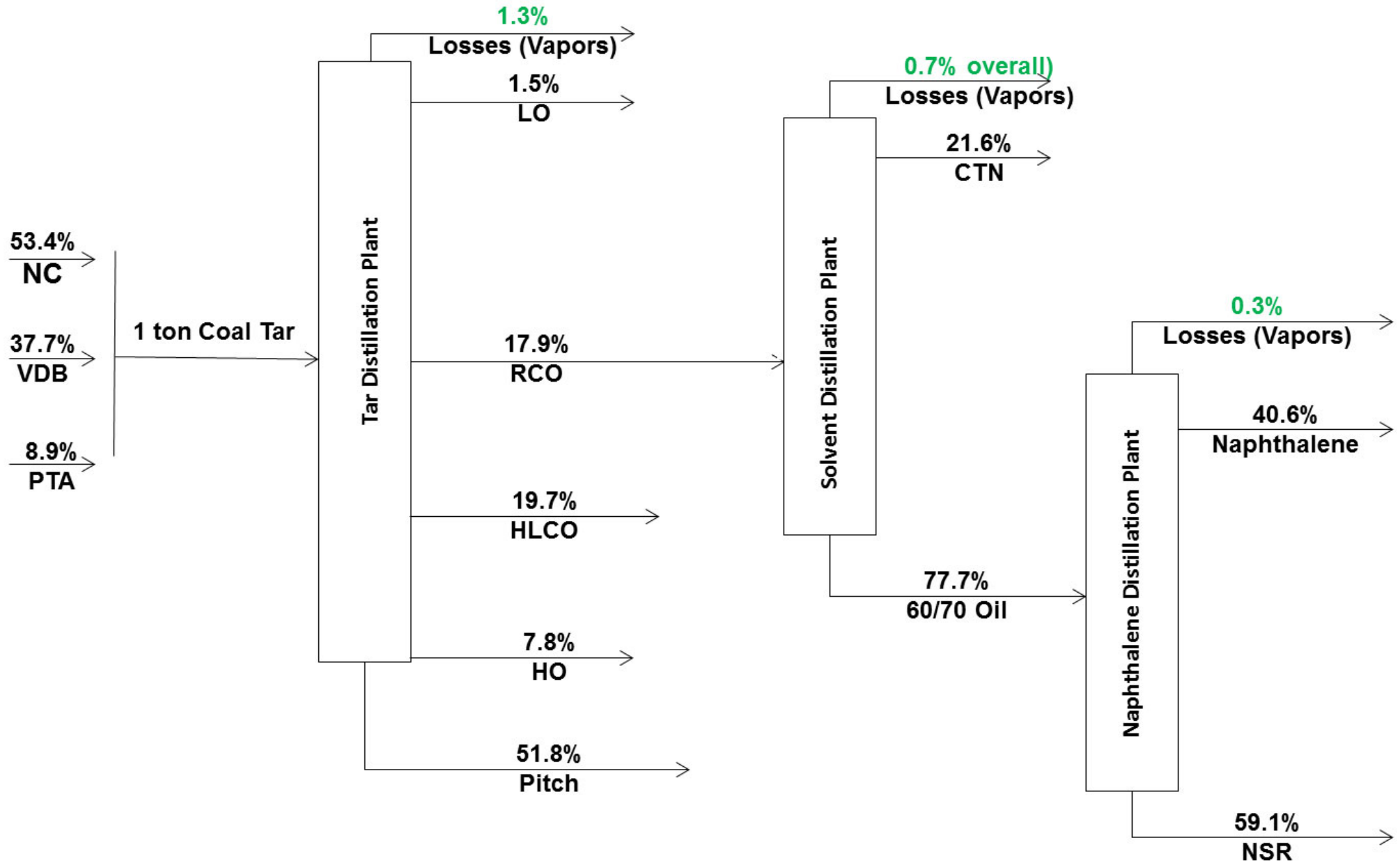
Plant Throughput

- Coal throughput per annum 332 000 tons
- Coke production per annum 226 000 tons
- Total Gas production per hour 15 600 Nm³
- Tar Production per annum 12 600 ton

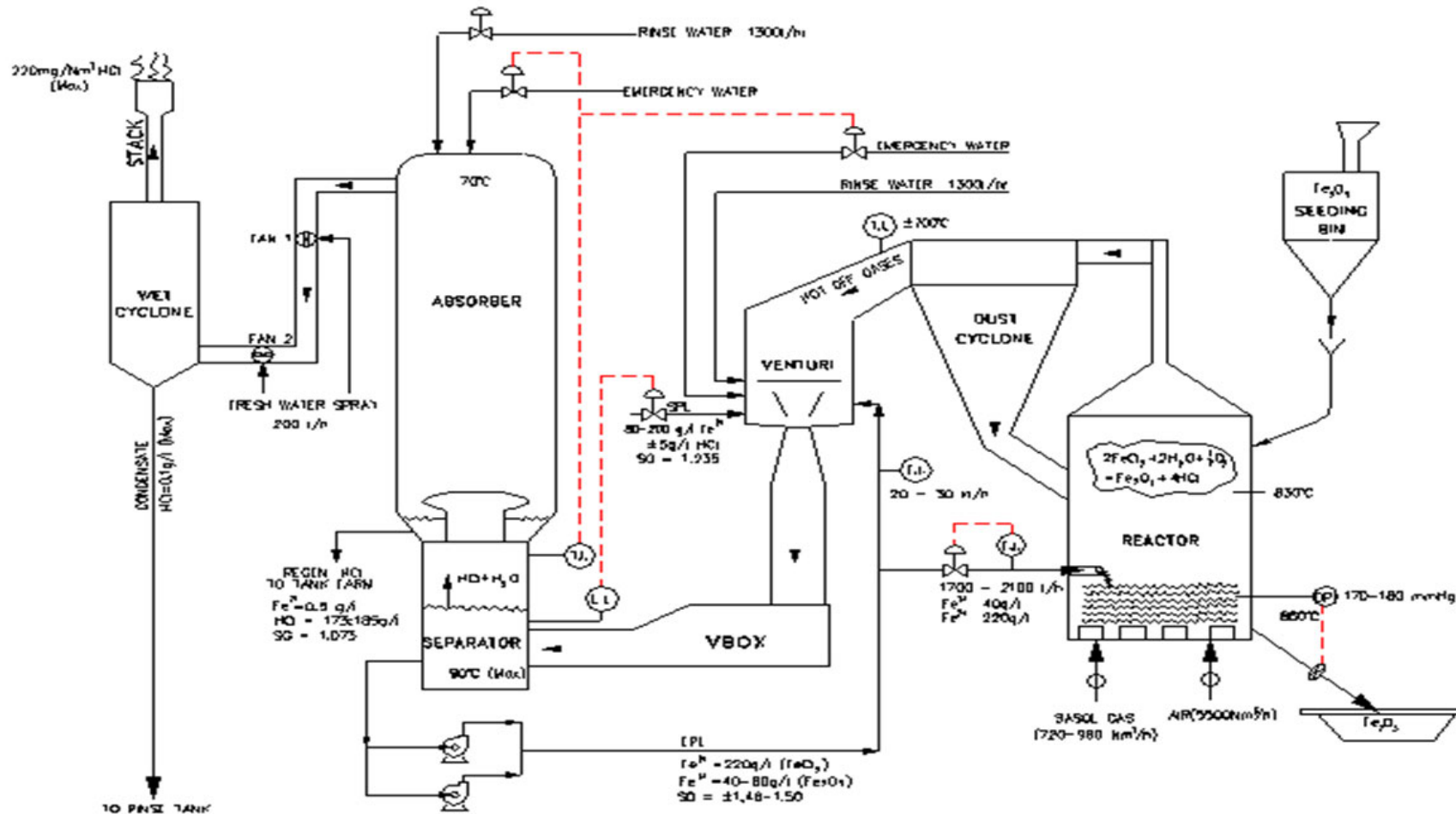
The Coal/Coke/Tar/Pitch Process



Tar Plant Process Flow



HCl Process Flow



Plants Background and Throughput

Tar Plant

- Facility commissioned in 1985.
- Capacity: 240 000 **tonnes**/year.
- Current Crude Tar being processed: 118 000 **tonnes**/year
- Complement excluding contractors: 80

HCl Plant

- Facility commissioned in 1972
- Capacity : 81 000 **tonnes**/year
- Current throughput: 49 000 **tonnes**
- Complement excluding contractors: 11