

Coal Gasification – clean coal technology:

Coal Gasification Technology Excellence

- It can save fuel consumption costs (compared to diesel oil) of about 60-70%.
- Very short investment payback time (usage 8-12hours/day) around 2-3 months.
- Easy to operate systems with very low risk / hazard.
- Very clean / Low pollution. Environmentally friendly with very low emissions.

The concept of coal gasification process

Coal gasification process is basically reacting steam heated coal to get the Synthetic Fuel Gas (CO, H₂, CH₄).

Note: Organic materials other than coal can also be gasified such as coconut shell, wood, rice husk, corn cob, sugarcane fiber, municipal waste, etc.

Applications SynGas as a Source of Heat / Fuel Engines in Unit of

BOILER to produce hot water/steam in the hospital, industry, power generation, textiles, chemicals, etc.

OVEN for the drying process in the food industry, plastics, vehicles, chemicals, etc.

FURNACE for combustion processes in the ceramic industry, heat treatment, Incinerator etc.

SMELTER for combustion processes in the asphalt industry, tin, metal/aluminum casting etc.

DRYER for the drying process of agricultural / plantation, food products, chemical, mining, etc.

KILN for the burning process in the cement industry, Incinerator etc.

GENSET driving engine to turn a generator.

-

Mirza Fahim Baig – 0300 4481228.

Mirza Aamir Baig – 0321 8469198.

Kinetix Automation Controls – Lahore.