

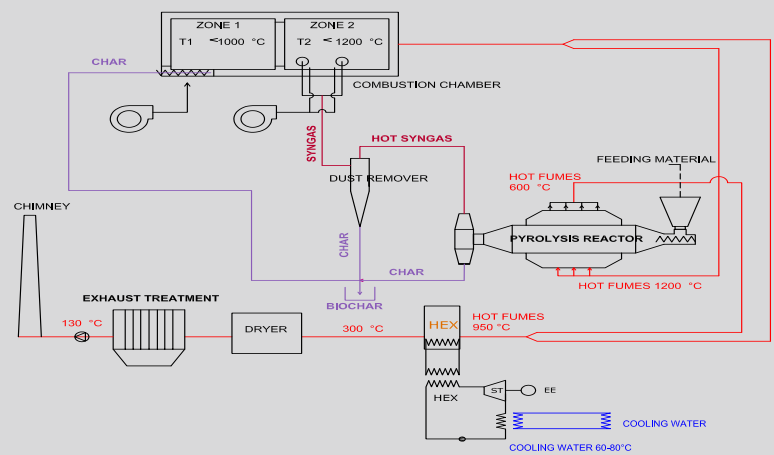


Biorefineries

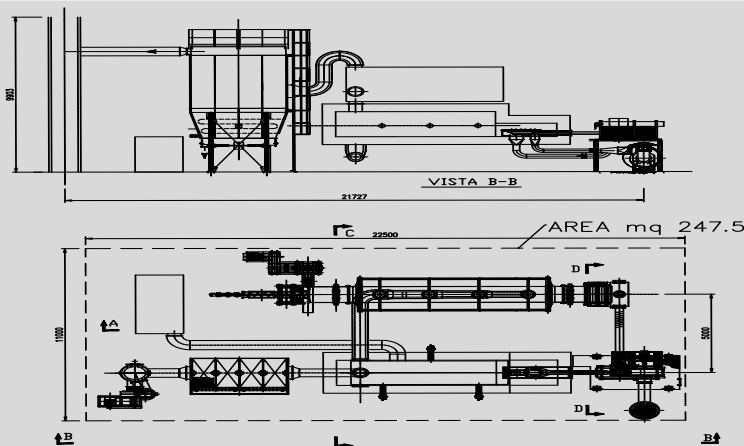


CHICKEN LITTER TREATMENT PLANT

PROCESS FLOW DIAGRAM



200 KW PRODUCTIVITY PLANT: LAY OUT



TECHINAL DATA FOR 200 KWe PLANT

1. FEEDING MATERIALS : CHICKEN LITTER & OTHER BIOMASSES
2. FEEDING CAPACITY : up to 600 kg/hr at 10% humidity
3. PYROLYSIS TEMPERATURE : 500 -600 °C
4. PRODUCED ELECTRIC POWER : 200 Kwe (max)
5. AVAILABLE THERMAL ENERGY FOR OTHER USES : 1000 Kw (at 80°C)
6. FERTILIZER/BIOCHAR PRODUCTION : 200 kg/h
7. PLANT AREA REQUIRED : about 300 sq mt (plus stockage area)