

ABSTRACT

From various researches, the former experts invent that steam is an effective source to produce the energy needed for the industrial machines and transportation.

On that phase, the invention was developed by making steam generator (Boiler). It was a unit of instrument, which is used to change the water into steam with a certain pressure through a boiling process. The steam produced by the kettle can be used for various functions such as heater or Power plant.

Here the writer will construct a locomotive steam generator (Locomotive Boiler) to run various vehicles especially train. This steam generator is a kind of steam generator with the fire pipes. Below are the specifications:

Power	: 1000,78 Hp
Capacity	: 26228,286 Kg/Hour
Pressure	: 15,7 atm
Temperature	: 80 ⁰ F
Fuel	: Coal