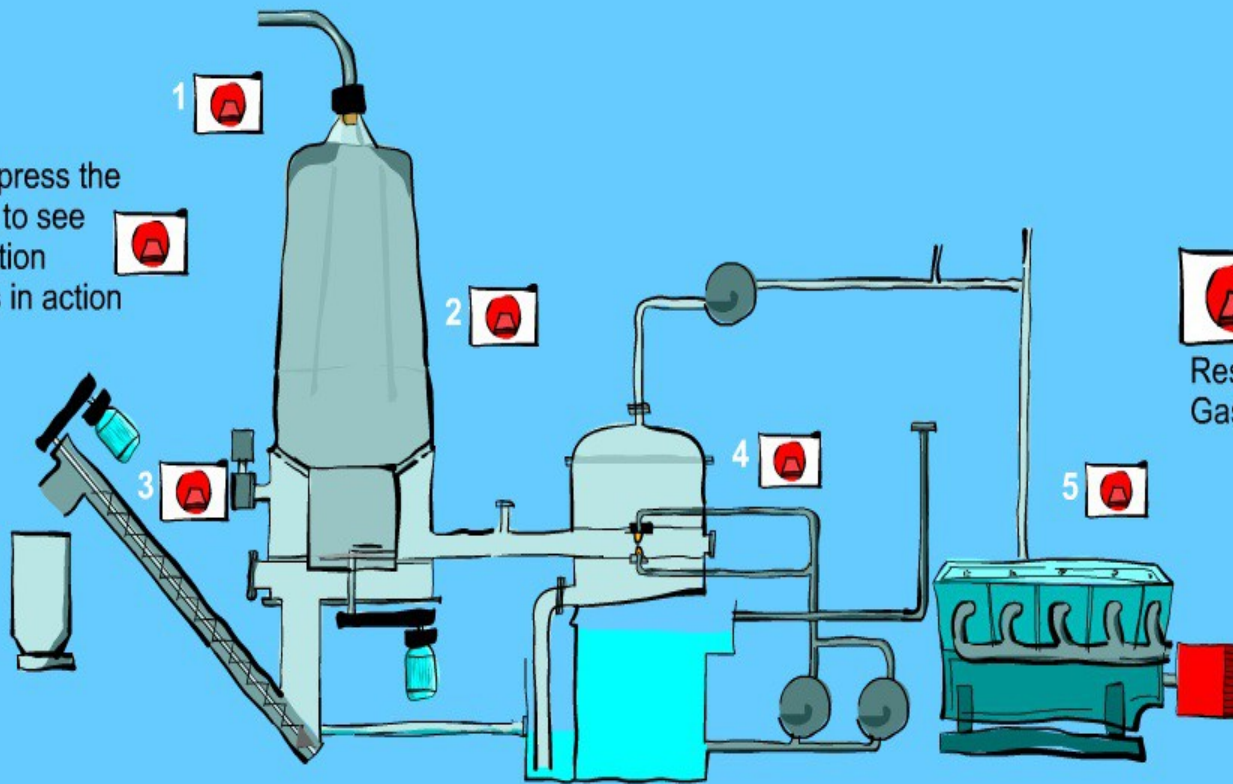


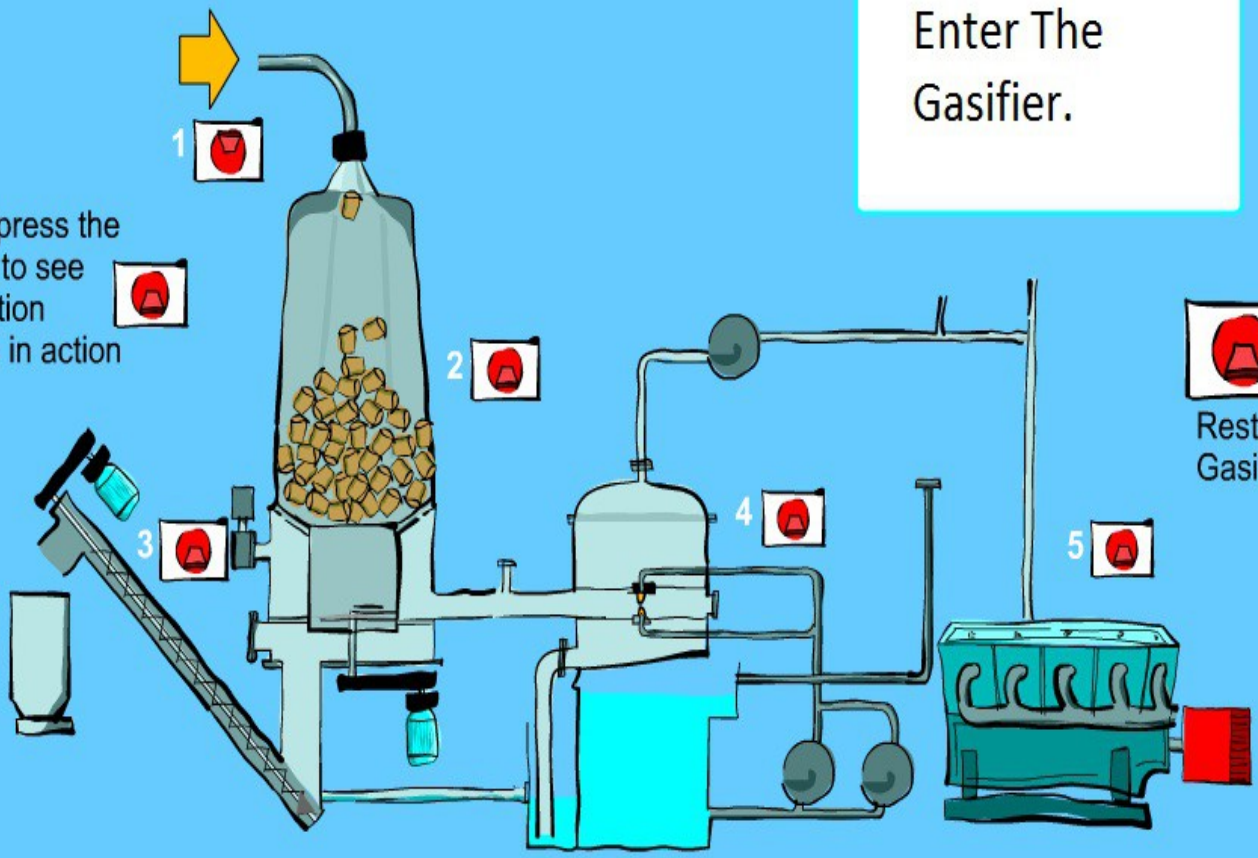
Please press the buttons to see gasification process in action




Restart
Gasification Proc

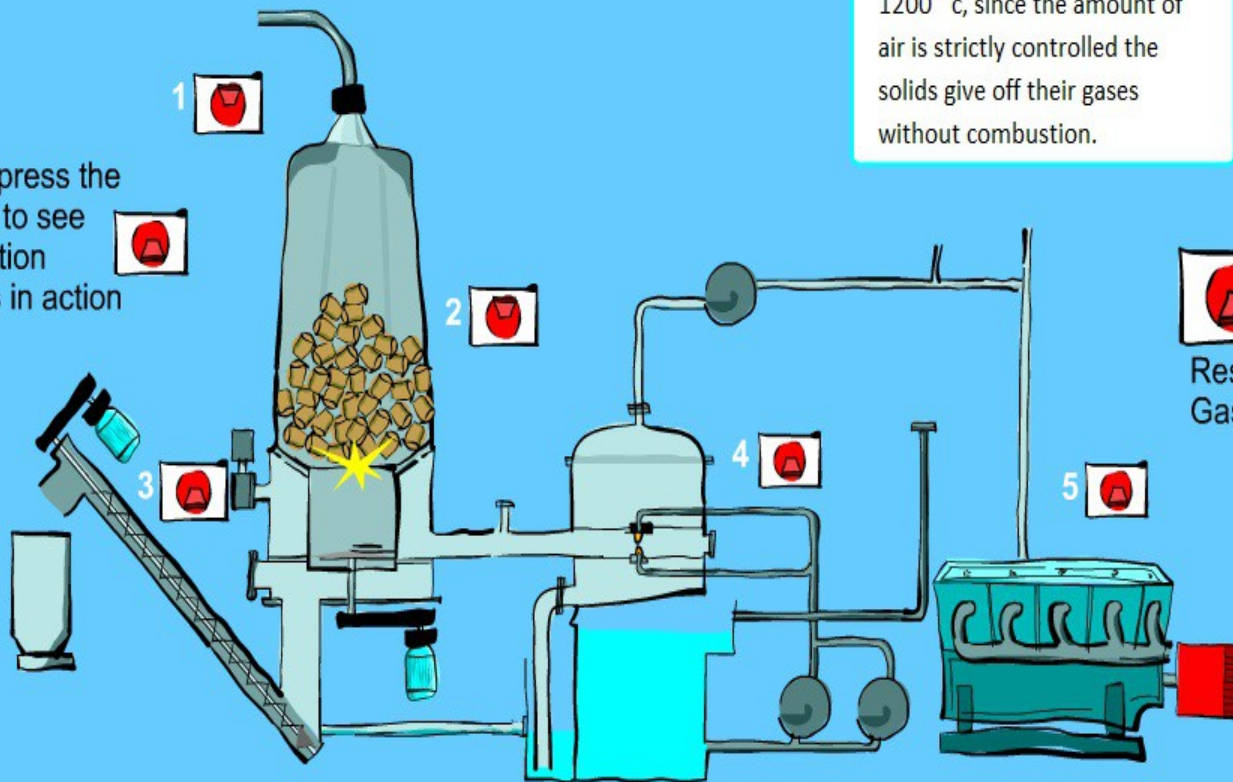
1 Dried Solids Enter The Gasifier. Close

Please press the buttons to see gasification process in action




Restart Gasification Proc

Please press the buttons to see gasification process in action



2



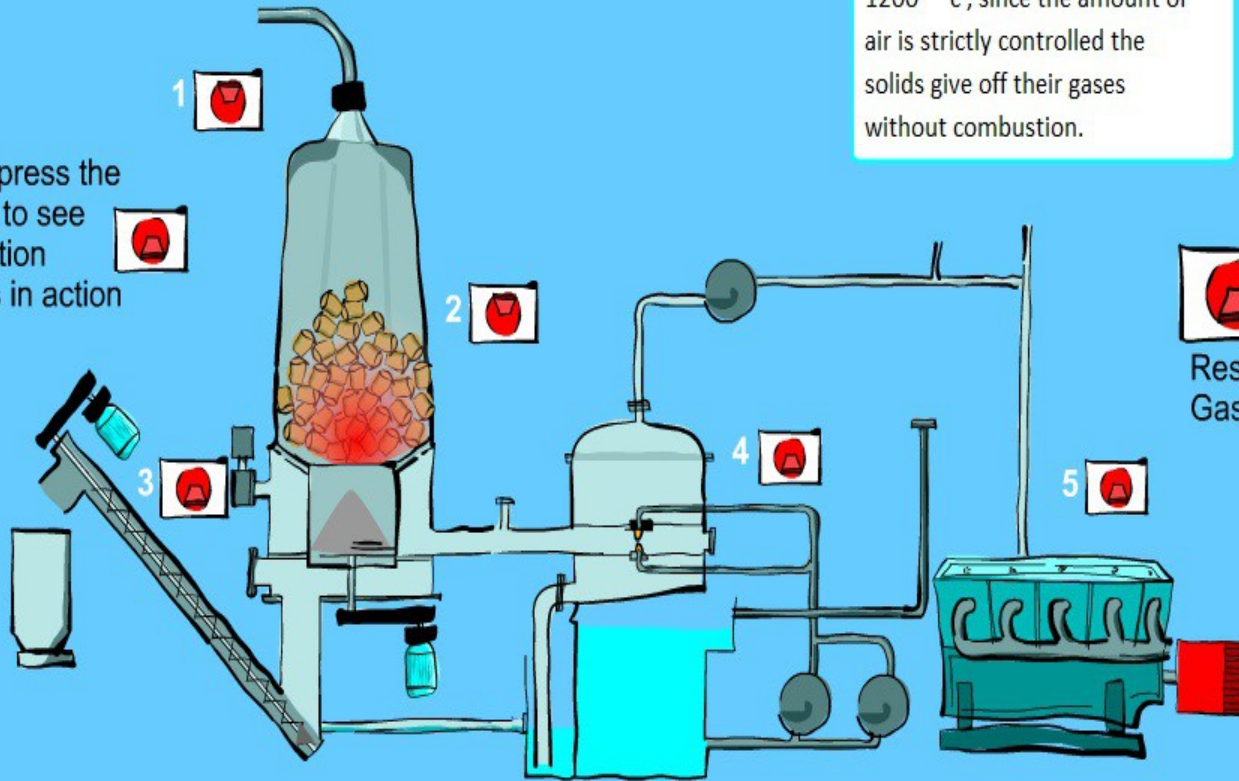
Close

Dried solids, mixed with air, are heated to a temperature of 1200 °c, since the amount of air is strictly controlled the solids give off their gases without combustion.



Restart Gasification Proc

Please press the buttons to see gasification process in action



2

Dried solids, mixed with air, are heated to a temperature of $1200\text{ }^{\circ}\text{C}$, since the amount of air is strictly controlled the solids give off their gases without combustion.

Close

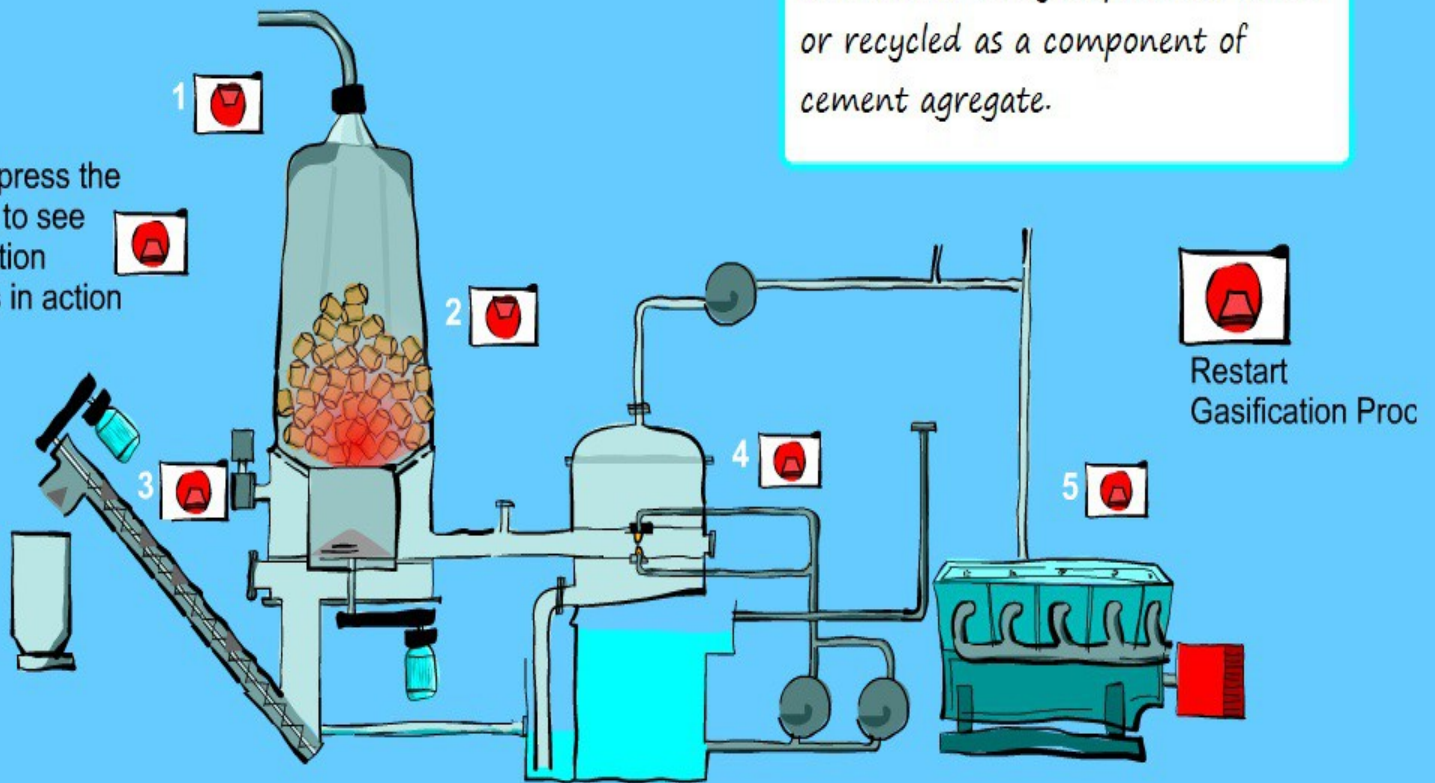
Restart Gasification Proc

3


Close

Only a small proportion of the fuel solids now a sterile ash, remain. This is removed from the gasifier and can be safely disposed of landill or recycled as a component of cement agregate.

Please press the buttons to see gasification process in action



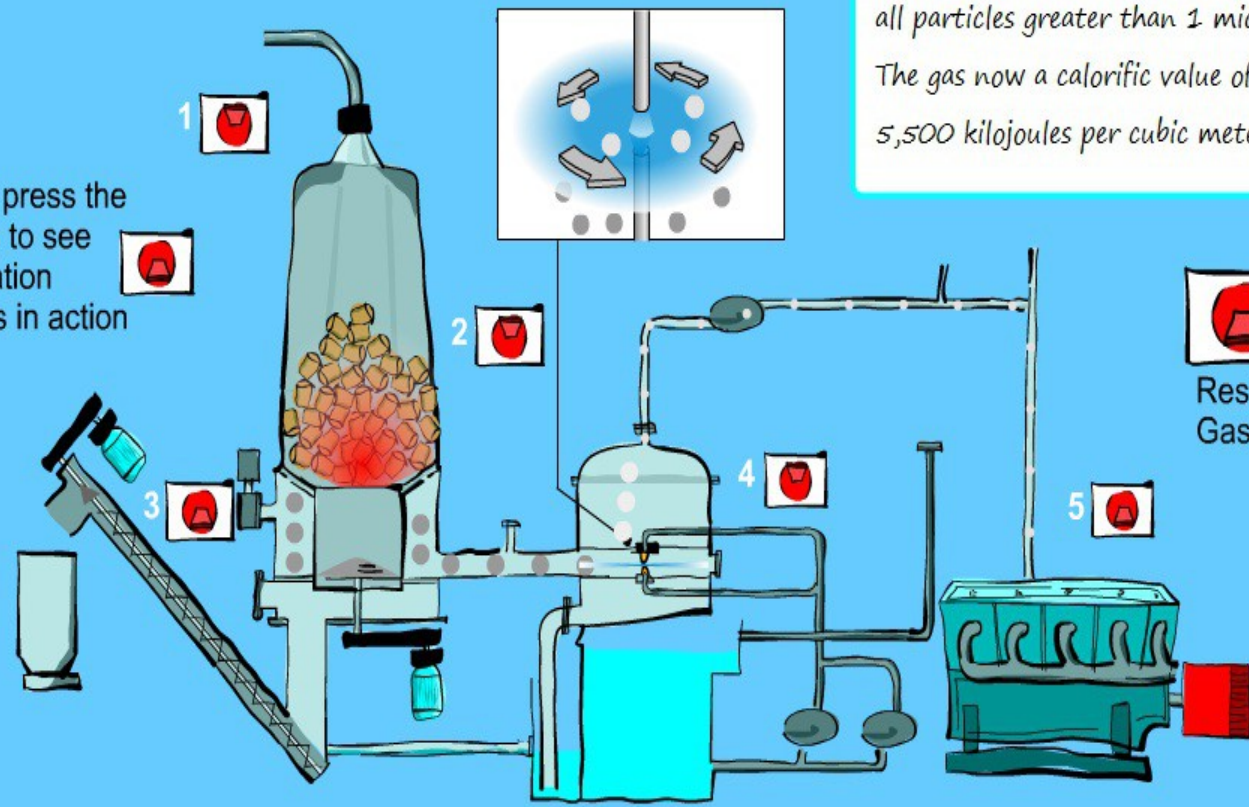
4



Close

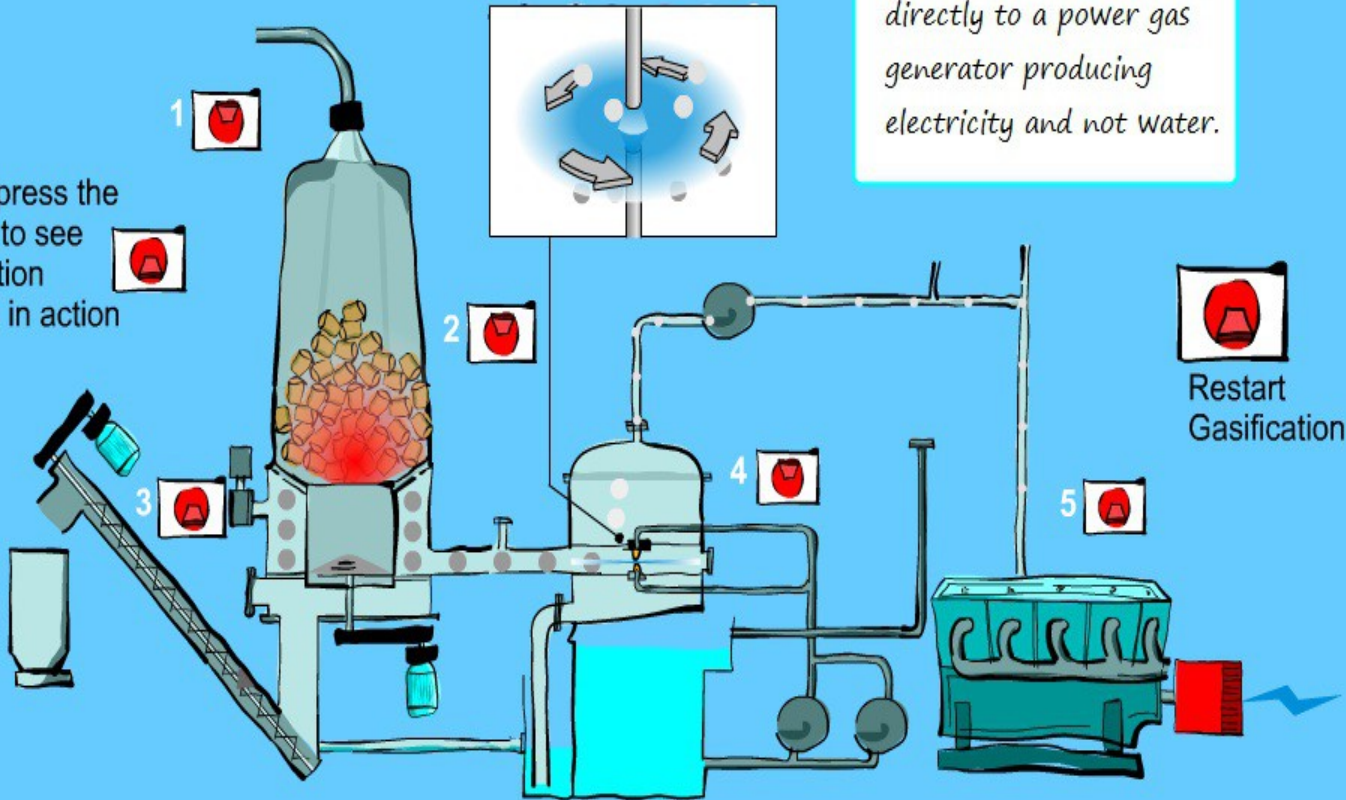
The gas then passes through a scrubber that cools it from 400/ 500 ° c to 40 ° c and also cleans it of 99.9% of all particles greater than 1 micron
The gas now a calorific value of about 5,500 kilojoules per cubic meter.

Please press the buttons to see gasification process in action



Restart Gasification Proc

Please press the buttons to see gasification process in action



5 Close

The now pure gas passes directly to a power gas generator producing electricity and not water.


Restart Gasification Proc