

About the use for boiler by fuel technology of "Infinite magnetic field",

A spout pressure of a flame does not greatly increase because a big kinetic-energy of molecule by magnetism by the fuel oil used for a boiler by fuel technology of "Infinite magnetic field" is released into the atmospheric air from the spout hole of a burner directly and slowly.

There is the possibility that conventional decrease rate of the fuel consumption by a boiler becomes big special decrease rate of the fuel consumption by giving a big kinetic-energy of molecule by magnetism to fuel oil and a supply water each.

(1) About the fuel oil being jetted from a burner by fuel technology of "Infinite magnetic field."

(a) By the way, a big kinetic-energy of molecule by magnetism is generated to molecules of fuel oil by fuel technology of "Infinite magnetic field", and as a result a viscosity of fuel oil dramatically is decreased.

(b) Therefore, when fuel oil is jetted from a burner, and fuel oil becomes smaller micro-particles than conventional micro-particles and is spread out in the air with the quicker speed than conventional speed, and the touch area between fuel oil and oxygen gas more increases.

(c) In other words, because fuel oil is becoming strong excitable state, a combustion speed of fuel oil increases by a big kinetic-energy of molecule by the magnetism that is generated to molecules of fuel oil, and as a result a flame becomes higher temperature.

(d) Because a temperature of flame attains to high-temperature more and a calorie increases, the decrease rate of the fuel consumption becomes higher.

(e) Therefore, according to combustion of normal kerosene, a flame is red. However, according to the fuel oil by fuel technology of "Infinite magnetic field", gush of flame increases and becomes the flame color that is near yellow rather than red.

(2) About improvement of coefficient of thermal conductivity in bottom surface of a boiler by combustion gas by fuel technology of "Infinite magnetic field."

(a) Generally, when fuel oil is jetted from a burner, it is considered that adhesive flow of very thin film by the flame that constitutes combustion gases with high temperature is generated on bottom surface of a boiler and is covered over with it.

(b) I call tentatively "Adhesive flow of thin film" "Hindrance thin film of heat transmission".

(c) That is, it is considered that coefficients of thermal conductivity of all kinds of combustion gases are very low and rather a ability as hindrance material of heat

transmission is big.

- (d) Coefficients of thermal conductivity of combustion gases are very low, and combustion gases are constituted each as the mixed gases such as steam gas (H₂O) and oxygen gas (O₂) and carbon monoxide gas (CO) and carbon dioxide gas (CO₂) and nitrogen gas (N₂) and hydrogen gas (H₂) and etc.
 - (e) The temperature conditions to measure coefficients of thermal conductivity (Kcal/mh °C) of combustion gases constituting the flame mentioned above are different each.
 - (f) Combustion gases are expressed as reference values as follows.
 - Oxygen gas (O₂) = 0.026 : 100 °C
 - Carbon monoxide gas (CO) = 0.026 : 100 °C
 - Carbon dioxide (CO₂) = 0.034 : 300 °C
 - Nitrogen gas (N₂) = 0.038 : 300 °C
 - Steam gas (H₂O) = 0.032 : 300 °C
 - Hydrogen gas (H₂) = 0.254 : 300 °C
 - (g) When normal fuel oil is burned in a burner of a boiler, because any big kinetic-energy of molecule by magnetism is not generated to combustion gases at all, a bottom surface of a boiler is covered over with the "Hindrance thin film of heat transmission" that consists of adhesive flow by viscosity of combustion gas.
 - (h) However, it is considered that according to the fuel technology of "Infinity magnetic field", "Hindrance thin film of heat transmission" adhering to a bottom of a boiler by the dramatic decrease of a viscosity of all kinds of combustion gases extinguish.
 - (i) Therefore, it can not but consider that according to the fuel oil by fuel technology of "Infinite magnetic field", the big decrease rate of the fuel consumption can be achieved by big improvement on a coefficient of thermal conductivity in bottom surface of a boiler.
- (3) About supply water in a boiler by fuel technology of "Infinite magnetic field",
- (a) By fuel technology of "Infinite magnetic field" a big kinetic-energy of molecule by magnetism is produced to molecules of supply water of a boiler.
 - (b) When supply water to a boiler is heated the fuel consumption can be decreased by the increase of a big kinetic-energy of molecule by magnetism by fuel technology of "Infinite magnetic field" is generated.
 - (c) Furthermore, after supply water is heated and becomes steam, a big kinetic-energy by magnetism in a steam is not influenced by high temperature and high pressure in a boiler and can not be decreased at all.

- (e) Therefore, because a big kinetic-energy of molecule by magnetism is produced to molecules of a steam with high temperature and high pressure by fuel technology of "Infinite magnetic field", the quantity of kinetic-energy given to a turbine is increased and as a result electric power generated is increased too.
- (4) About effect of power generating system of electric power plant by fuel technology of "Infinite magnetic field".
- (a) It is important that "Trans-master" appliance is selected and is used for a large-scale boiler particularly because a big kinetic-energy of molecule by magnetism must be given to heavy fuel oil "A" and supply water of large quantities,
 - (b) After a big kinetic-energy of molecule by magnetism with "Trans-master" appliance was given, because it does not become weak during until from 30 hours to 40 hours, a big kinetic-energy of molecule by magnetism may be used as a motive power of steam turbine by the vapor that is generated by heating supply water.
 - (c) By the way, the possibility that can get the big decrease effects of the fuel consumption that are explained each in item (1), item (2), item (3) in power generating system of electric power plant by fuel technology of "Infinite magnetic field" is very big.
 - (d) Therefore it is considered that because the decrease rates of the fuel consumption caused by item (1) and item (2) and item (3) are added up each, the decrease rate of the fuel consumption in power generating system of electric power plant becomes very big.
 - (e) That is, there may be the possibility that big economical effect by the big decrease rate of the fuel consumption and the prevention effect of global warming by the big decrease rate of CO₂ are actualized together at the same time.
 - (f) As for the decrease effect of the fuel consumption by fuel technology of "Infinite magnetic field" economical effect is particularly big and may play big role for prevention of global warming by big curtailment of CO₂ at the same time.
- (5) About generating a oscillation and a noise in a used boiler,
- (a) When fuel oil by fuel technology of "Infinite magnetic field" is used for a used burner of a boiler, a oscillation and a noise produced by the cause that thin film of metallic oxide is generated on the inside surface of a nozzle hole and thin film of metallic oxide is piled, are extinguished almost.

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