

Volcano

After-sales Service News

TCS21008E

14th December, 2020

To ; Respected customers,

FUEL SHUT OFF SOLENOID VALVE ~ RECOMMENDATION FOR PERIODIC REPLACEMENT ~

VOLCANO CO., LTD
Combustion Engineering Division
Sales Dept.

We sincerely appreciate your patronage very much.

These days, the vessels using MGO/LSHFO are increasing. These fuels have different pour points and flash points from conventional fuel. In order to keep the combustion equipment in good condition, we would like to introduce the information about fuel shut off solenoid valve. (hereinafter, "FO solenoid valve") FO solenoid valve is one of the essential parts and it starts/stops supplying fuel to the burner. Malfunction of the FO solenoid valve would lead to fuels leakage to the furnace and it would cause the fatal accident. We recommend to carry out the periodic maintenance/replacement of the FO solenoid valve.

【The Point of Monitoring】



Damage of the spring
Low tension of the spring



Jamming foreign object



Damage of the coil
Low insulation of the coil



Damage of valve seat
Deformation of valve seat

Photo for your reference

Please carry out cleaning and maintenance check at least once a year and confirm no damage, no deformation, or no malfunction of FO solenoid valve. We recommend to replace FO solenoid valve to new one every 5years. (It will vary depending on properties of the fuel oil or burner operating condition.)

If you have any inquiries, please do not hesitate to contact us.

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