

Reference letter

Jaworzno III Power Station apply Pentomag 2550 coal additive since 1991.

In the initial period of dosing a trial on one of the boilers was conducted to clean fouled heating surfaces and to verify efficiency of Pentomag.

Since 1994 Pentomag is dosed permanently to all boilers installed in the Power Station (six boilers of 650 t/h MCR steam capacity).

An automatic dosing plant delivered by Pentol was installed in 1997. Dosing points are skew coal belts and dosing capacity is automatically adjusted according to the height of coal layer on the belt. Dosing plant enables easy unloading of Pentomag from drums/semi bulk containers to intermediate tank and optimum dosing rate adjusted to coal mass.

Twenty years operating experience confirms high efficiency of Pentomag with burning of various kinds of coal. There were no side effects reported during entire dosing period. Deposits created during coal combustion are friable, have porous structure and fall down on their own from heating surfaces. In the result of Pentomag dosing previously reported heavy fouling disappeared, there is also no need to clean heating surfaces during boiler outages.

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