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SOOT STICKS - SOOT REMOVER

DESCRIPTION:

Active blend of mineral based salts, containing slag modifiers and carbon oxidation catalyst. Each stick contains approximately 0.5 kgs of **SOOT REMOVER**

APPLICATIONS:

To remove unburned carbon slag deposits from:- Boiler furnaces, superheaters, economisers, air heaters and exhaust path/stacks.

ADVANTAGES:

- Reduces soot and slag deposits by transforming them into dry, powdery ashes which are easily removed.
- Reduces cold end corrosion by neutralizing sulphuric acid deposits on surfaces where the temperature is lower than the dew point of the exhaust gas.
- Improves heat transfer and aids soot blowing due to reduction in deposits.
- Increases boiler efficiency.
- Reduces cleaning costs by decreasing maintenance and frequency of cleaning.
- No need to shut down boiler or plant when dosing.
- Available in easy-to-use stick form.

DIRECTIONS FOR USE:

- Determine the quantity of **SOOT STICKS- SOOT REMOVER** required by quantity of fuel consumed per boiler per day. See **PRODUCT DOSE**:
- Introduce the appropriate amount of **SOOT STICKS -SOOT REMOVER** into the hottest part of the boiler furnace by adopting any of the following methods:
 1. Open a boiler peephole or furnace door and throw in the required number of sticks.
 2. Remove the burner and shoot the required number of sticks through the body of the burner housing into the furnace and replace the burner.
 3. If the boiler is equipped with dosing injector simply pour the contents of the stick into the injectors and direct the nozzle towards the hottest area of the flame.

PRODUCT DOSE:

- For Oil-fired boilers, the daily dosage depends on the fuel oil consumption per boiler, per day (see table).
- For coal-fired boilers, the approximate daily dosage is 3kg of **SOOT REMOVER** per 30 tonnes of coal consumed per boiler every 24 hours.

Note: for best results apply **SOOT STICKS SOOT REMOVER** daily, immediately after soot blowing.

Oil consumption Tonnes/Day	20	40	60	80	100	120	140	160	180
Dosage KG (POWDER)	1	2	4	6	9	12	14	16	18
Number of sticks	2	4	8	12	18	24	28	32	36

PACKAGING:

IN POWDER: normal size 25kg drums of powder

IN STICKS: box of 50 STICKS of 0.5kg per stick