



CASE STUDY

CUSTOMER

PT. SANTOS JAYA ABADI

LOCATION

EAST JAVA, INDONESIA / JUL 2012

EQUIPMENT

STEAM BOILER

APPLICATION

COAL

PROVEN RESULTS



IMPROVED
MAINTENANCE
PROCESSES

CHALLENGE

Excessive amounts of ferrous contamination ranging from microscopic particles to steel, wire, nails etc. found in the furnace of the steam boiler unit. This contamination was degrading the quality of the coal utilized in the furnace by breaking it apart. It also resulted in lost time due to costly unscheduled maintenance and repairs to the furnace.

SOLUTION

Beny Hermawan of PT. Sinarmentari Indoprima, the OEI distributor in Indonesia, recommended the installation of OEI's 3000 Series magnetic filter element in the steam boiler system to remove the ferrous contamination.

RESULTS

A photo shows the substantial amount of ferrous contamination captured by OEI's magnetic filter rod after only one week in operation.



Utility Manager Mr. Satrio Aji was very impressed with the results of the OEI magnetic filter rod. Since employing OEI's technology, they have experienced an improvement with the quality of the coal, fewer unscheduled downtimes and a cost savings in maintenance and repairs.



PRODUCT
RECOMMENDATION
**MAGNETIC FILTER
ELEMENT**



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