



**24 MONTHS LIFETIME ACHIEVED  
IN CFBC BOILER WITH D52A**

## Asian CFBC Boiler achieves 24 months lining lifetime with HASLE D52A

A power plant in Asia has achieved 24 months lining lifetime in their Circulating Fluidized Bed Combustion Boiler (CFBC) using HASLE D52A.

The power plant runs mainly on anthracite, coal and rice husk and has two CFBC units with a production capacity of 150 MW each. Previously, they used a local castable with 60% alumina in the furnace wall, but never reached a lifetime of more than 1 year due to extreme abrasion, especially in the kick out area. After analyzing their process, fuel etc. we suggested lining the furnace wall with HASLE D52A instead, as it is known to extend the lining lifetime significantly.

A trial of HASLE D52A was installed beside the existing castable to make a comparison. After only 3 months, HASLE D52A showed significantly better performance than the local 60% alumina castable. Having seen the performance of HASLE D52A, the power plant decided to install HASLE D52A in their entire furnace area, and recently it reached a 24-month final lifetime.

With HASLE D52A, the power plant reduced maintenance costs, and this significantly improved their run factor. If you would like to improve efficiency in your power plant or another high temperature process, please contact us at [info@hasle-refractories.com](mailto:info@hasle-refractories.com) to find out how we can help.



Comparison test after 3 months (HASLE D52A to the left)



Feeder Burner after 12 months