



**12 MONTHS LIFETIME ACHIEVED
IN RECOVERY BOILER**

Asian Recovery Boiler achieves 12 months lining lifetime with HASLE D66

An Asian power plant has achieved a 12-month lifetime in the furnace floor of their Recovery Boiler using HASLE D66. The power plant runs on black liquor and has a production capacity of 40MW. The 70m² furnace floor is lined with a 70mm layer of castable. Previously, the power plant used a castable with 60% alumina, but never reached a lifetime past 4 months. To maintain a satisfactory run factor, they needed the floor lining to last at least 12 months.

Upon analysing the conditions, we found that the main cause of erosion on the furnace floor came from physical slag attack, as the slag flowed from one level to the next and eventually reached the floor. So, we recommended installing HASLE D66 because it has extraordinarily high mechanical strength. With HASLE D66 installed on the furnace floor, the power plant achieved a satisfactory 12-month lifetime.

With HASLE D66, the power plant reduced maintenance costs, and improved its run factor.

Get in touch with us today to learn how we can help you improve efficiency in your power plant.



Slag test result, HASLE D59A at 1100 degrees Celcius



Slag test result, HASLE D66 at 1100 degrees Celcius