



**+2 YEAR LINING LIFETIME ACHIEVED
IN REHEATING FURNACE**

Rolling mill achieves +2 years lining lifetime in reheating furnace with HASLE LCC lining.

A 450.000 tpy rebar rolling mill in the Philippines was experiencing short lining lifetime in their reheating furnace. The rolling mill produces steel bars from billet, with an average operating temperature of 1000-1200°C.

In December 2018, they had to shut down to repair the castable in the Furnace Roof, Sidewalls and Floor. After marking the damaged Furnace Roof Area to be repaired, the area was demolished and relined with new, HASLE precast, ceramic anchor bricks. The anchor bricks are held in place using round, stainless steel bars (16mm in diameter).

Once the bricks were in place, the repair of the furnace roof was completed using HASLE D59A-ht. Damaged areas of the side walls were also repaired using the same technique and HASLE materials. All parts of the job were executed by the installation company 360 Degrees, and fully met the high industry standards.

Since then, the reheating furnace has been in continuous operation. The HASLE D59A-ht castable is still in good condition and has now achieved a lifetime of more than 2 years.



Installing formworks on furnace roof



Completed repair using HASLE D59A-ht