

PAUL WURTH SERVICING**HOT REPAIRS IN HOT BLAST STOVES**

Installation of the heat shield

Our methodology

A special and individually designed heat shield will be installed to separate the repair area from the hot parts of the stove enabling the local cooling down of the repair area and to protect the erection crew. The repair scope is limited by a certain access limitation, the heat shield size and the maximum allowable moving distance within the combustion chamber.

All these actions are performed according to a special priorly defined safety concept.

The following areas of the hot blast stoves can be repaired during a hot repair:

- Hot blast outlet including relief arch;
- Ceramic burner;
- Division wall, respectively repairs in the combustion chamber wall lining.

FOR A COST-EFFECTIVE REPAIR!

Stoves which are suffering from damages in the combustion chamber, caused by malfunctions during operation or which are more or less reaching the end of lifetime can be repaired in specific areas in hot condition without cooling down to extend the lifetime for several years.

Advantages of a hot repair

The advantage of a hot repair is the shorter overall outage time for the dedicated stove and therefore the shorter operation of the BF with lower blast temperature. At least approx. 40 days of cooling down and heating up time can be gained compared to a cold repair. This leads directly to a noticeable saving in costs in comparison to a cold repair.

Related services

- Hot stove evaluation / studies
- Consulting services for hot stove maintenance and repairs
- Cooling down and heating up services
- Supply of ceramic burners
- Thermographic survey of stoves and hot blast mains
- Endoscopic inspection of hot blast stoves



