



POST OF 29/06/2026

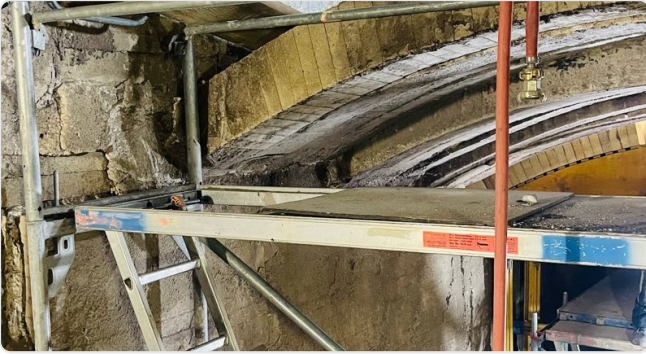
Turnaround in summer: plan it in good time

The most expensive date for a boiler turnaround is the one you do not choose yourself. In summer, combined heat and power plants run at low heat load and the turnaround window stands open — and yet the lining of the combustion chamber and the secondary combustion chamber is often pushed into the next year. In January it turns into an emergency.

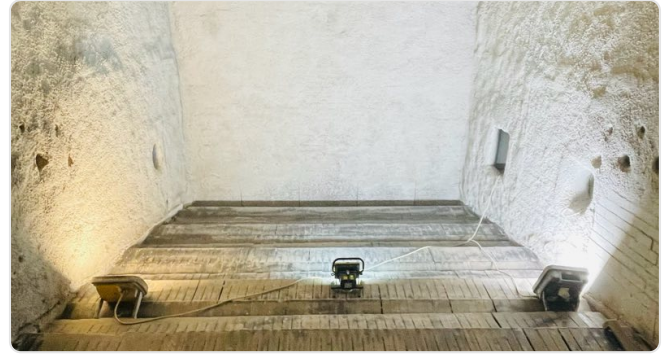
Anyone who plans in summer has the choice between a partial repair and relining. Anyone who calls in winter no longer has it. Four things decide it: a finding before the work starts, an honestly calculated lead time, a design worked out zone by zone, and a crew that keeps the shutdown window tight.

What has to be settled before the turnaround date

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| ☐ Finding | thermography during operation — damaged brickwork shows up in the shell temperature before it breaks through |
| ☐ Decision | partial repair or relining, justified by the finding and not by the budget |
| ☐ Zones | design combustion chamber, secondary combustion chamber, side walls, grate transition and expansion joints separately — they carry different loads |
| ☐ Material | chosen per zone to match the load profile, planned together with the anchoring and the joint pattern |
| ☐ Lead time | procurement and prefabrication take weeks — a date in late summer is planned in spring, not four weeks beforehand |
| ☐ Access | scaffolding, demolition and disposal in the shutdown plan, not as a surprise on the first day |
| ☐ Team | in-house installation crews instead of changing subcontractors — one responsibility, one rhythm |
| ☐ Heat-up | the curve belongs in the plan: after the lining is in, the mixing water needs days, not hours |
| ☐ Sign-off | walk-through before the first fire, dimensions and joints documented |



Thermography during operation shows where the brickwork is giving way



Lining of the combustion chamber during the planned shutdown

Common mistakes

- Pushing the turnaround into the winter: then the pressure of the outage decides how it is built, not the finding.
- Underestimating the lead time — without material and prefabrication, the finest shutdown window is of no use.
- Designing the whole boiler alike: the grate transition and the side wall do not withstand the same thing.

PRACTICAL NOTE

Fix the turnaround date before the heating season ends, and have thermography carried out during operation. Then it is settled before procurement what really has to be done — and the summer is enough for the work instead of just for the planning.

Questions about your furnace?

We assess lining, zones and condition — with a reply within 24 hours on working days.

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