



POST OF 05/07/2026

Component refurbishment: repair instead of ordering new

Furnace hoods, lids, launders and doors are often procured completely new although only the lining is at the end of its life — the steelwork would have lasted years.

Refurbishing a component in the workshop (demolition, steelwork inspection, new lining, drying) typically costs a fraction of a new build and runs in parallel with operation: the swap only happens once the finished component is ready.

Decision path: refurbish or replace?

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| ☐ Inspect the steelwork | distortion, cracks, corrosion — only then is the decision taken, not on the basis of age |
| ☐ Spare-component strategy | a second component in circulation turns the swap into a shutdown of hours instead of weeks |
| ☐ Workshop lining | under controlled conditions: better compaction, clean drying, documented quality |
| ☐ Consider transport | size, weight, craneability — even the best workshop solution needs a way back |
| ☐ Use prefabrication | recurring components as prefabricated plant assemblies — Putzbrunn delivers them ready to install |
| ☐ Documentation | one file per component: linings, findings, operating hours — the basis for the next decision |

*Furnace hood being refurbished in the workshop**Fully lined hood before refitting*

Common mistakes

- Ordering new as a reflex: the lead time for the new part often exceeds the refurbishment time by months.
- Refurbishment forced through in the installed condition where removal to the workshop would be cheaper and better.
- No spare component: then every weakness in the lining dictates the plant shutdown.

PRACTICAL NOTE

List your replaceable components with their condition and procurement time. For each one the question is worth asking: what does a second one in circulation cost — and what does the shutdown cost without it?

Questions about your furnace?

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

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