

Cost-Out Options - Wax Process Audit

All investment casting foundries are increasingly under pressure to reduce process costs and at the same time to improve casting quality.

Since the quality of wax patterns fundamentally affects the quality of castings produced it is essential that the wax process is optimised in order to ensure highest pattern, and therefore casting quality at the lowest production cost.

The expertise of the Blayson team is available to carry out an impartial wax process audit at foundries. This can help to identify any opportunities for improvement and potential cost savings in the foundry's wax process, and enables the foundry and Blayson to co-operate to ensure best practice procedures are followed.

Wax Process Audit

The wax process audit is designed to benefit the foundry and is carried out in conjunction with the foundry staff.

The audit covers all aspects including the following:

- ❖ Wax storage & handling
- ❖ Wax melting procedures and equipment
- ❖ Temperature control
- ❖ Injection press condition and set-up
- ❖ Die release materials
- ❖ Tooling considerations
- ❖ Runner quality
- ❖ Wax assembly process & equipment
- ❖ Pattern washing
- ❖ Dewax area

A full written audit report is issued with recommendations and follow up support.

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