

Cost-Out Options for Investment Casting Foundries

With all investment casting foundries under increasing pressure to reduce process costs without sacrificing casting quality, Blayson has identified several potential cost-out options.

These can be explored in more detail either at the foundry or at Blayson facilities in Cambridge UK or Chiba Japan.

Virgin Revert Wax

Whilst virgin wax is used by many foundries, advances in wax recycling and process control mean that alternatives exist. Virgin revert wax provides viable and cost effective products that deliver value without sacrificing quality.

Reclaim Runner Wax

A significant number of foundries use virgin wax for their runner systems. The advanced recycling process referred to above is equally capable of delivering suitable reclaimed runner wax products of high quality at much lower cost. These products are proven suitable for all sectors of the industry including aerospace and industrial gas turbines.

Injected Runner Bars

Many foundries purchase injected runner bars from Blayson. These are customer specific and offer benefits and considerable cost savings. Manufactured on MPI injection presses they provide excellent quality as well as simplifying inventory management and improving utilisation of equipment and manpower.

Soluble Cores

Blayson specialises in an injection service manufacturing these difficult but critical components for customers. Their use offers the foundry a simplified production route and improved production capacity.

Wax Process Audit

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

Wax Training

Blayson runs training programmes covering wax and injection technology. These programmes are aimed at enhancing foundries understanding of the process and can be arranged either in-house or at The Blayson Technical Centre.

In addition periodical Wax & Shell Seminars are held at The Blayson Technical Centre Cambridge, contact Blayson for details.

For more information on any of the above contact Sales Manager Richard Hirst rdohirst@blayson.com or Technical Director Dave Bond davebond@blayson.com