

Improve Performance via Cleaner Metal

written by Lauri Moon | September 30, 2020

Metal filtration within the foundry industry has long been a staple method for ensuring the integrity of a casting. In this webinar we will examine the traditional methods of metal filtration by addressing core technologies and new innovations, such as EXACTPORE 3D filters.

A special focus on 3D filter technology: Metal purity is one of the most important requirements in the foundry industry. Best practice in the field of molten metal filtration is the use of sintered ceramic foam filters. But the structure of the filter foams in particular means that this form of filtration also has its limits. During the ceramic coating and sintering process, tiny particles may form inside the filter structure, which are only slightly sintered with the base material. Flow through the filter can cause these particles to detach, which impairs the purity of the melt and can lead to inclusions in the casting. Learn how these issues can be solved in this webinar through 3D technology.

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Speaker



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David is an ASK Technical Product Manager Feeding working for ASK Chemicals / Hi-Tech Ceramics for 22 years.

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