



PRODUCTION OF CORES FOR INVESTMENT CASTING OF TURBINE BLADES MADE OF SUPERALLOYS



ENERGY INDUSTRY

Best Practice Example created by

LITHOZ®



Important applications of casting cores are found in the aerospace industry and in the power generation industry. The cooling channels of turbine blades are becoming increasingly complex and conventional production methods, such as injection molding, have reached their limits and can benefit from the possibility of casting cores produced by the LCM-technology.

Dr. Johannes Homa:

"Our LCM-Technology allows the production of ceramic cores of outstanding quality. We offer a cost-efficient and fast production technology for investment casting of turbine engine components. Complex structures are possible because our tool-free manufacturing technology eliminates the problems related to demolding."

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