



Industries of the Future-West Virginia

Co-Funded By:

Metal casting industry
West Virginia University

Project Partners:

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Beneficial Reuse of Spent Foundry Sand

Project Summary:

The successful implementation of the beneficial reuse of foundry sand at HK Engine Components (Formerly HK Casting) was reported in: "Beneficial Reuse of Foundry Sand: A Review of State Practices and Regulations", which was issued by the Office of Policy, Economics and Innovation of the U.S. Environmental Protection Agency in Washington DC. The report was issued in December 2002, but was not readily available until 2003. HK Engine Components continues to find benefi-

cial reuses of foundry sand. The "Spent Foundry Sand Beneficial Use Guidelines" were first approved by the West Virginia Division of Environmental Protection on June 1, 2000. The total estimated savings from the beneficial reuse of foundry sand since the start of the program at HK Engine Components versus the use of landfills is over one million dollars. This savings has occurred even though West Virginia has the most stringent requirements for the beneficial reuse of foundry sand.