

## **Deposit Removal: Current Technology & Challenges**

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### **Abstract**

There are three objectives of recovery boiler sootblowing: (1) Prevent uncontrolled deposit accumulation and sootblower induced tube failure, (2) Conserve the sootblowing steam, and (3) Keep the operation safe & reliable. This paper reviews past research and how they are incorporated in the current recovery boiler sootblowing technologies. Nozzle technology has reached its maturity, with the exception of the leading edge nozzle. Intelligent and low pressure sootblowing provides the best available technology to save energy. Finally, some challenges and future research potential will also be discussed.