

Raw Material Management

Review of Common Practices

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Abstract

This paper makes a few points about the impact of raw material variability on process control. The main focus is on achieving the safety and operating goals of the wood yard. Some of the best technologies are explored for receiving raw material, handling it through storage, and achieving reliable, consistent reclaim to the process. These are all discussed from the overriding perspective of mitigating fugitive dust and minimizing risks of fire.

The paper provides descriptive information from actual successful storage and retrieval systems, and from equipment manufacturers. Concept options for managing variable raw material sources are presented. Current operators will hopefully pick-up a few fresh, low-cost ideas that they can take back to their plants and implement.