

Preventive Maintenance Practices in Pulp & Paper Mills

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ABSTRACT

Pulp & paper is one of the highly energy intensive industry and energy cost component accounts to about 25 % of the total manufacturing cost. One of the major reasons of high-energy consumption is poor house keeping and maintenance resulting in excessive down time. The poor maintenance not only results in higher energy consumption but also leads to lower rate of production.

In order to control and minimize the machine and equipment downtime a planned preventive maintenance routine has to be adopted by the mills, on a regular basis. During various energy and process audits conducted by CPPRI, it has been observed that not much attention is paid to proper maintenance and house keeping of major processes, machines and equipment. By following simple measures and preventive maintenance of some of the high energy consuming equipments, mill can save up to 10 % in energy consumption and result in significant reduction in downtime. The present article highlights section/ equipment wise preventive maintenance practices to be followed by pulp & paper mills.