



Summer 2008

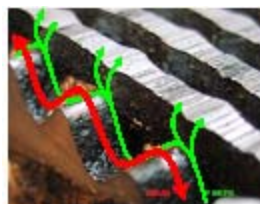
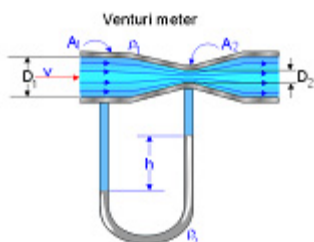
Increase Plate Life 30% in Holdback Operation

Recently, a mill wanted to increase plate gap and plate life while improving or at least maintaining quality and runnability. A Venturi design with a shallow holdback angle was recommended for their SD52 refiner in the SGW reject position.

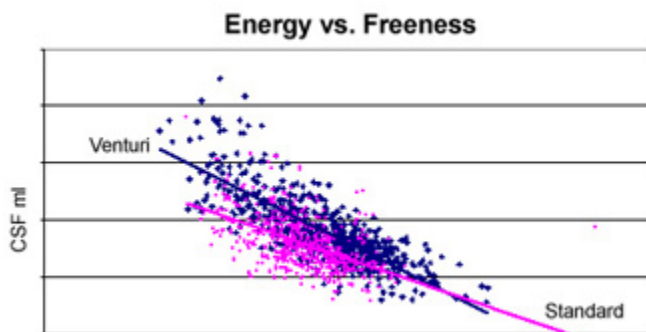
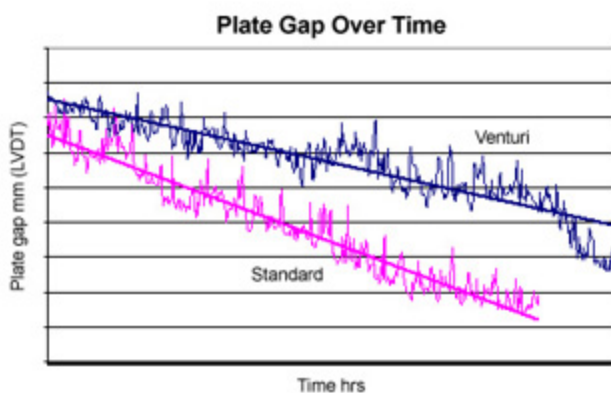


The Venturi design provided:

- A thicker fiber pad between the plates leading to a larger gap
- Easier steam evacuation, more stable operation (no dams)
- No plugging, gypsum/pitch build-up
- Increased residence time of the fibers for improved strength properties



Results were great! The Venturi design produced a 100% larger plate gap and 30% increased plate life... Plus, it improved runnability and fiberlength (also seen on SGW pulp)!

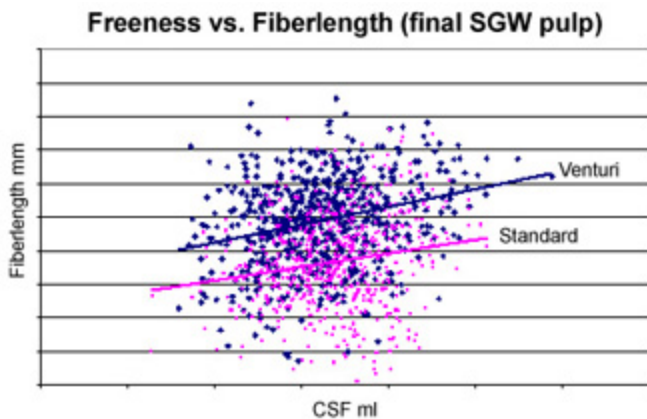


Summary Long-Term Data

SGW Reject, SD52 refiner

Reject Stage	A270	A270	Difference %
	J&L Std	J&L Venturi	
Production T/h	4,4	4,5	2,7
Load MW	2,8	3,0	8,4
Energy kWh/T	627	660	5,3
Gap mm	-1,07	-0,14	99
Vibration G	23,9	20,2	-15,4
Freeness ml	66	67	1,4
Fiberlength mm	1,21	1,27	4,5

Final SGW Pulp



If you would like to increase plate life and improve pulp qualities in your hold back position, call your local J&L Sales Representative today.

J&L Fiber Services, Inc.
 809 Philip Drive
 Waukesha, Wisconsin 53186
 U.S.A.
 Phone: 262-544-1890
 Fax: 262-547-8166
www.jlfiberservices.com

© 2008 J&L Fiber Services, Inc.