



Papertex Limited

Example from ASA Sizing Guide

Papertex

Troubleshooting Tips for Low Sizing

There are many variables in the papermaking system that can affect sizing and performance of ASA. Many have been discussed in the Wet End Supervision section of this pocket guide

Following is a guide to troubleshooting low reel sizing:

- Confirm the equipment is in operation and valves are open to the paper machine
- Check all drain valves are closed
- Check pressure relief valves are closed
- Check for leaks in pipeline
- Check ASA flow
- Check starch flows
- Check starch solids
- Check emulsion quality
- Check alum flow
- Check wet end defoamer flow
- Check size press defoamer flow
- Check size press-applied sizing agent flow
- Check tray water solids/ash retention
- Check pre-size press sizing value
- Confirm 100% sizing at reel with 5 minutes at 105°C oven cure test
- Confirm flow rates of all other alkaline system additives
- Carry out alum dip test (for more information on this see Lab tests section)
- Carry out acetone extraction test (for more information on this see Lab tests section)
- Run headbox and backwater sizing tests (for more information on this see Lab tests section)

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