

Industry:
Wood processing

Plant:
Oversize Blowline

Lining System:
K-ZAS Ceramic lining

MANUFACTURE & ON-SITE INSTALLATION OF AN OVERSIZE BLOWLINE

Key Benefits:

- ✓ Improved service performance
- ✓ Reduction in maintenance cost
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- ✓ Eliminate risks without continual replacement

Problem: The location of a pneumatic conveying pipeline transporting oversize wood chips was failing on a regular basis due to the poor quality of wood being handled, as well as the velocity and volume of product being conveyed. This resulted in high wear rates on various sections of

the pipeline and required constant maintenance to facilitate the changing of pipework on a regular basis, which due to the location and position of the pipe route was both time consuming and expensive as specialist labour and lifting equipment had to be employed.

Solution: After undertaking a site survey we redesigned the pipe route eliminating some obvious original design flaws and incorporated the use of our K-BAS ceramic lined pipework which having a MOHS hardness of 8, would eliminate the continual issue with pipe replacement. In being able to design, manufacture, protect and install the pipework, we were unable to undertake the whole project on a turnkey basis.

Benefits: The K-BAS ceramic liners offer superior wear resistance when compared to pulled mild steel pipes and offer approximately 3 to 4 times greater service longevity. Likewise, when the surface of the K-BAS polishes due to material conveyance it reduces the coefficient of friction thus reduced velocity which negates pressure drop within the system.



Protecting Industry Worldwide

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