

CASE STUDY: K-MotorShield Motor Covers

Product:	K-MotorShield Motor Covers
Product category:	Safety & Environmental
Location:	Maryvale Mill, Traralgon, Victoria
Material application:	Pulp
Installation date:	July 2011
Number installed:	14

Previous problem: The Maryvale Mill is Australia's largest integrated fine paper-making and packaging papers complex, producing more than 500,000 tonnes of paper every year.

The Maryvale Mill has three pulp mills, five paper-making machines, an ECF bleach plant, pulp lapping machine, finishing facility and a waste paper processing plant.

The Mill operates under stringent quality and environmental management standards (ISO 9001 and ISO 14001) and holds dual FSC® and PEFC forestry Chain of Custody certifications.



Photo of Maryvale Paper Mill, Traralgon

"Previously we didn't have any sort of cover for our motors and because of the high spillage rates, we were experiencing regular winding failures, bearing failures as well as counter-productive high motor temperatures, all due to the constant pulp contamination on our motor frames and the air intakes. Maintenance stops were becoming time-consuming and costly."



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Resolution:

"Installing the K-MotorShield Motor Covers couldn't have been easier; it was a one man job to fit because they are so lightweight and were simple snap-on.

They have been very effective in minimising the pulp getting in the end covers and clogging up the fins that was causing the previous overheating problems. I can already predict significant cost savings for the Mill in terms of money spent on the maintenance and repairs of the motors.

They are used in some harsh environments in the Mill and so far we have had no problems and we are extremely pleased in making this decision to cover our valuable motors."



Set in a laboratory, photo example of pulp clogging the motor

