

INDUSTRIAL WATER

Boral Maldon Operations

Maldon, New South Wales · FW200

Overview

Dam water was blocking manual strainers across Boral's Maldon cement works, and staff were cleaning the screens by hand. An FW200 automatic filter on the supply line ended that job.



The Results

Continuous

Operation with minimal operator intervention

Eliminated

Manual strainer cleaning across the plant

Protected

Downstream water infrastructure and process equipment

Maintained

Full flow during cleaning cycles

The Challenge

Boral's Maldon Operations near Picton, NSW, take in a cement works, a concrete batching plant and a rail terminal. Together they supply construction materials across the Sydney metropolitan region.

Water drawn from the main dam carried sand, grit, organic material, pipe scale and suspended solids into the cement works.

Those contaminants blocked up the manual strainers throughout the plant, and staff had to pull the screens and clean them by hand. It was recurring work that took people away from higher-value tasks.

Whatever replaced that arrangement had to run continuously with minimal operator intervention, and it had to hold flow while it cleaned — a cement works cannot stop for a filter.

The Solution

A Filtaworx FW200 Automatic Self-Cleaning Screen Filter, installed on the process water supply line from the main dam.

The filter cleans itself on differential pressure without interrupting flow, so the plant keeps its water through the backwash cycle. Sand, grit, scale and organics are removed before they reach the strainers and the equipment those strainers were protecting.

THE FILTER IN THIS INSTALLATION

Filtaworx FW200

DN 200 • Hydraulic drive

filtaworx.com/products/automatic-filters/fw200

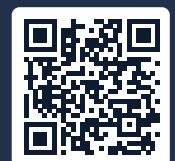


TALK TO US

Have an application like this one?

Send us your flow rate, line pressure and what needs filtering out.
We'll size it — and say so if we're not the right fit.

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