



FILTERSAFE SPOTLIGHT

Celulosa Arauco, Chile



INDUSTRY

Industrial

APPLICATION

Process Water, Pulp & Paper

FILTERSAFE

- 20 years filtration experience
- 3,500+ installations
- 10µm & upwards
- Up to 9,000 m³/hr in a single filter
- Modular filter technology

Project Number	OPN 2019 438-443
Client	Socoval
End User	Celulosa Arauco
Application	Process Water, Pulp & Paper
Flow Rate	72 m ³ /hr (each filter)
Filtration Degree	500 micron
Water Source	Process water
Filter Models	FS151H, 2xFS025H, FS075H, FS050H, FS151V, ASME, SMO 254 screens, stainless steel bodies
Installation Date	2021
Location	Chile





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UNIQUE CHALLENGES

The plant required a number of filters to be installed along the production line, with different water sources including acidic (as low as 2 pH), caustic (up to 12 pH), and hot temperatures (up to 80C) that would also contain pulp and fiber suspended particles.

WHY FILTERSAFE WAS CHOSEN

The filters needed to be automatic, self-cleaning, and able to withstand corrosive and caustic water with suspended materials that would run continuously. Filtersafe was able to supply stainless steel filter bodies ranging from 304L, 316L and 317L depending on the type of water being filtered, with SMO254 screens to withstand corrosion.

