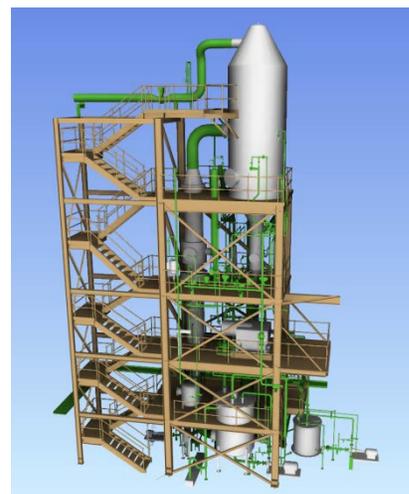
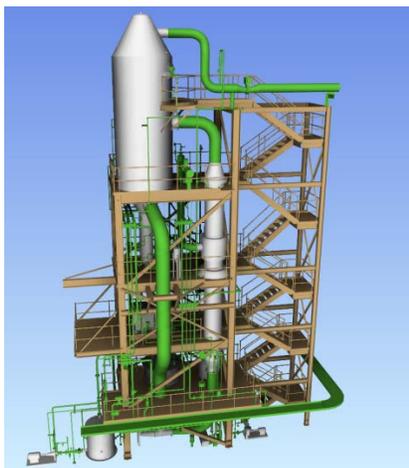


Press release

Plainfield, IL – April 25, 2018

Veolia's new ECRP system chosen by Celulosa Arauco at their Valdivia mill in Chile



Celulosa Arauco has selected Veolia Water Technologies' [HPD[®] CRP/ECRP[™] technology](#) to be able to benefit from the chloride and potassium removal in a recovery cycle at the Valdivia Mill, as part of a dissolving pulp project. The ECRP[™] process is a new patented technology by Veolia, developed to allow mills with a high potassium input to achieve high removal rates of chloride and potassium while minimizing sodium losses.

Arauco's Dissolving Pulp project for Valdivia Pulp Mill in Chile is a \$185 million dollar investment to produce a range of products such as textile fiber, cellophane paper and filters. At a global level, the textile fiber market represents about 80 million tons. Dissolving pulp, which has experienced a rising trend in recent years, accounts for about 6% of total production. Veolia's HPD[®] technology enables Arauco to uphold the natural and environmentally friendly process of production of dissolving pulp.

The project will involve treatment of a portion of the precipitator ash from the recovery boiler to remove chloride and potassium without significant loss of sodium or sulfate from the system. In this manner, chloride and potassium levels in the recovery cycle can be controlled to minimize fouling of the recovery boiler and the associated operating costs.

Minimizing Sodium Losses

The [ECRP™](#) is a two-stage crystallizer system which will allow for the required removal of chloride and potassium at less than half of the losses to accomplish the same in a conventional CRP™ system.

“Veolia has a long history in providing solutions to the Pulp & Paper market. The project for Arauco Valdivia is another example of the application of proven technology in a very unique configuration to meet the objectives of this project” stated Klaus Andersen, CEO of Veolia Water Technologies Americas.

The various benefits of the Veolia CRP/ECRP include an increase in sticky temperature, the reduction in soda loss (and subsequent soda makeup) compared to ash dumping or alternate technologies. In some other instances, the potassium recovered from the purge can also be re-used to produce a very valuable fertilizer such as SOP.

About Celulosa Arauco

Celulosa Arauco y Constitucion SA is an integrated forest company. The Company manages forests and the production of sawn timber, bleached and unbleached pulp, and other wood products such as plywood and fiberboard. Arauco produces in Chile and Argentina, and markets and sell its products in South and North America, Europe, and Asia.

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Veolia group is the global leader in optimized resource management. With nearly 169,000 employees worldwide, the Group designs and provides water, waste and energy management solutions that contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia helps to develop access to resources, to preserve available resources, and to replenish them.

In 2017, the Veolia group supplied 96 million people with drinking water and 62 million people with wastewater service, produced nearly 55 million megawatt hours of energy and converted 47 million metric tons of waste into new materials and energy. Veolia Environnement (*listed on Paris Euronext: VIE*) recorded consolidated revenue of €25.12 billion in 2017 (USD 30.1 billion). www.veolia.com

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