



# The **TURNER & COATES** Global Examiner

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**TURNER & Coates has strengthened its relationship with Arauco still further, by helping the South American paper products giant to successfully progress its ambitious and highly innovative Textile Pulp Project, at its flagship Valdivia Mill in Central Chile.**

Heralding a significant evolution in the processes and capabilities of this pioneering pulp, paper and engineered wood company, this new Dissolving Pulp project at Valdivia - which represents a massive investment of USD 185 million - will enable Arauco (Celulosa Arauco y Constitución) to enter lucrative new global markets, such as textile fibre, cellophane paper and filters.

## Crossing the globe for Arauco

A key subsidiary of Chilean energy conglomerate Empresas Copec, headquartered in Santiago, Arauco maintains no fewer than 30 production facilities in Chile, Argentina, Brazil, Uruguay, the United States and Canada. Moreover, the company now ranks among the world's five major suppliers of renewable forestry resources, developing products that are present in the day-to-day lives of millions of people across the globe.

**arauco** The exciting new project - for which we are currently carrying out inspections on pulp screening, cleaning systems and digesting equipment in Finland, Poland, Spain, Switzerland, Brazil, China and Germany - will make full use of the existing processes at the Valdivia Pulp Mill, which is located in the Los Ríos region of Southern Chile. The pulp dissolving process necessitates only a few adjustments to the plant to enable it to commence manufacture of a material

that accounts for around 6% of the total global textile fibre market.

Furthermore, the application of the technology related to the manufacture of dissolving pulp will comply with strict environmental standards; the same ones that are currently maintained at the mill. Additionally, this key innovation at Valdivia will also sustain the facility's authorised annual pulp production level of 550,000 ADMT. Dissolving pulp has many different applications within the textile industry, and is as versatile as it is distinctive, due to the softer, brighter and purer characteristics of its fibres. A major source of natural cellulose, dissolving pulp is also used in the food, cellophane and flexible packaging industry, amongst various other industrial uses.

"Our working relationship with Arauco has been further enhanced via this latest project," confirms Turner & Coates MD Neil Coulborn, "and we look forward to completing our duties for them in June."

## A whole new era for occupational health and safety



**MORE than 7,600 people die each day from work-related accidents or diseases; a figure that equates to over 2.78 million occupationally derived fatalities per year.**

That's the shocking statistic recently published by the International Labour Organisation. Not only do these figures make for depressing reading from a human perspective, but the burden of occupational injuries and diseases both

for employers and the global economy is also immense, in terms of losses from early retirement, long-term staff absences and rising insurance premiums.

In order to tackle this issue head-on, the long-awaited ISO 45001:2018 has just been published to replace OHSAS 18001 and provide a robust and durable platform to improve employee safety, reduce workplace risks and create better, safer working conditions worldwide.

Designed for organisations of all sizes, sectors and locations, the new standard - developed by a committee of occupational health and safety experts - ISO 45001:2018 follows the generic management system structure used for ISO 14001 and ISO 9001. Based on Annex SL - the same High Level Structure as ISO 9001:2015 (pertaining to quality management) and

ISO 14001:2015 (concerning environmental management), this new global standard will make it easier than ever before for companies and organisations to implement and integrate proper health and safety procedures into a broader business management system.

Here at Turner & Coates, our experience and expertise in helping businesses to achieve and maintain management systems certification is second to none. We benefit from a wealth of globally sourced consultancy knowledge, underpinned by enviable auditing expertise.

There is a transitional period of 3 years for certified organisations worldwide to adapt, adhere and integrate to this latest health and safety standard, and Turner & Coates can offer full advice, consultancy and guidance on this key issue.

**For total inspection, expediting and management systems implementation and auditing solutions, a FREE copy of our brochure or a no-obligation quote, call now on 0161 660 8656 (within UK) or +1 (404) 462-5729/ +1 (610) 707-1396 (from North America)!\***



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\* Calls on our dedicated North American numbers can be made until 12 noon EST