



**Altech Chemicals**  
Limited

## ASX ANNOUNCEMENT AND MEDIA RELEASE

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# ALTECH APPOINTS DRYTECH AS KILN SUPPLIER FOR HIGH PURITY ALUMINA (HPA) PROJECT

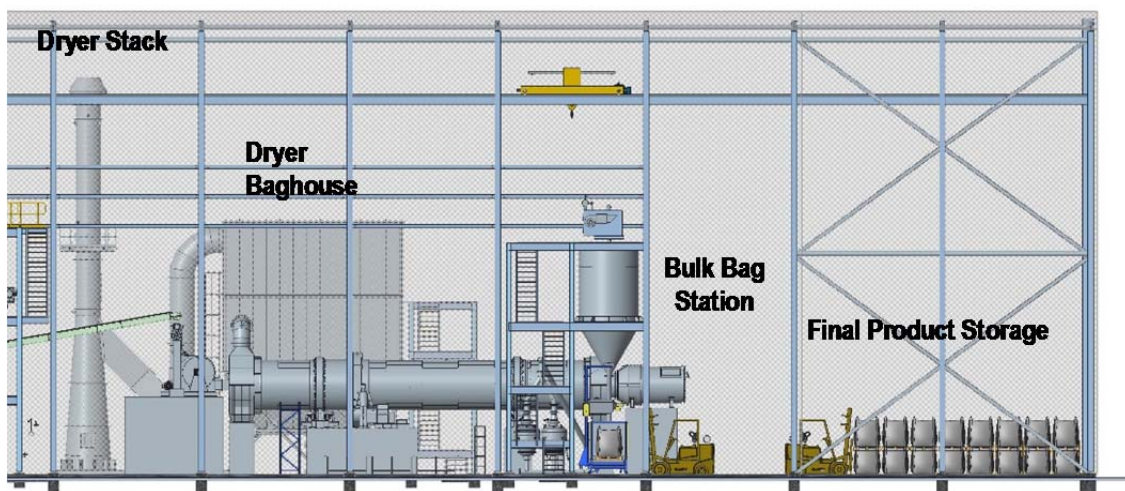
### Highlights

- Altech appoints Drytech International as kiln system supplier for high purity alumina (HPA) project
- World's leading supplier of drying, calcining, cooling and thermal process technologies
- Memorandum of Understanding signed to formalise partnership

**Altech Chemicals Limited** (Altech/the Company) (ASX: ATC) is pleased to announce that it has signed a Memorandum of Understanding (MOU) with leading kiln system supplier Drytech International (Drytech) for its high purity alumina (HPA) project.

Drytech is a South African based company specialising in the manufacture of dryers and high temperature kilns for global processing plants. Drytech has developed a strong reputation in the local market and internationally for providing innovative design solutions to thermal processing projects, with robust and durable processing equipment. Drytech will supply the Company's kaolin dryer and calciner at its proposed Meckering beneficiation plant, and the aluminium chloride roaster and HPA calciner at its proposed Malaysian HPA plant.

Figure 1  
Drytech Dryer for Meckering Plant



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***About Altech Chemicals (ASX: ATC)***

Altech Chemicals Limited (Altech/the Company) is aiming to become one of the world's leading suppliers of **99.99% (4N) high purity alumina (HPA)** ( $Al_2O_3$ ). HPA is a high-value product because it is the major source material for scratch-resistant artificial sapphire glass. Sapphire glass is used to produce a range of high-performance electronic applications such as LEDs, semi-conductors, phosphor display screens, as well as new emerging products such as smartphones and tablet devices. The global HPA market is approximately 19,040tpa (2014) and is expected to at least double over the coming decade.



Current HPA producers use an expensive and highly processed feedstock material such as aluminium metal to produce HPA. Altech produces 4N HPA directly from an ore feedstock, aluminous clay, from its Meckering deposit in Western Australia. The Company is now advancing a Bankable Feasibility Study (BFS) to develop a full-scale **4,000tpa HPA production** facility. The Altech process employs conventional and proven "off-the-shelf" plant and technology to extract HPA from its **low-cost and low-impurity** aluminous clay feedstock, which results in **lower operating costs**.

Altech is a chemical processing group focused on creating a high-margin product to meet the growing global demand for the next generation of high-performance technologies.

**Forward-looking Statements**

This announcement contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future events and actions that, while considered reasonable as at the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of our Company, the Directors and management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed or anticipated in these statements.

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