

## **Sulzer Chemtech's crystallization technology helps drive DSI's growth**

**04 November 2022**

**Sulzer Chemtech is providing process engineering and key equipment for the expansion of PT. Dongsuh Indonesia (DSI) naphthalene downstream sector. The delivery of an advanced separation unit to DSI's plant in Serang, Indonesia, will enable the production of high purity naphthalene that can be used that can be used for applications with stringent quality requirements**

DSI's facility in Serang processes naphthalene from coal tar to deliver the valuable chemicals. To this end, the plant has been producing naphthalene related products

In order to increase the purity level of its raw materials and end products as well as serving the broader downstream sector, the company selected Sulzer Chemtech's proven falling film crystallization technology. This is currently used by leading naphthalene producers and processors worldwide, enabling them to deliver high quality aromatics.

Prior to the delivery of the purification unit, Sulzer Chemtech completed extensive feasibility and pilot testing ahead of its basic engineering package. This helped ensure DSI to produce different concentrations, including levels of up to 99.9 wt% at an overall production capacity of 7'000 metric tons per annum.

Song Ho Kim, President of DSI, says: "We are extremely happy with the collaboration established with Sulzer Chemtech. Their solution for crystallizing naphthalene is a leader in the market, so when looking at advancing our offering, we were confident we should invest in this technology. The flexibility of our operations will also be improved, helping

us address different market needs while optimizing operational expenses and profitability. We look forward to installing the unit and beginning our first-grade naphthalene operations shortly.”

Etienne Rigaut, Head of Crystallization at Sulzer Chemtech, adds: “For decades, we have been supporting the most challenging separation processes with state-of-the-art crystallization equipment. Thanks to our extensive expertise, combined with testing and engineering capabilities, we have been able to deliver a customized unit that will help DSI enhance its competitiveness in the marketplace. We strive to support our customers and the entire sector with cutting-edge technologies.”

**Image captions:**

**Image 1:** Sulzer is providing process engineering and key equipment for the expansion of PT. Dongsuh Indonesia (DSI) naphthalene downstream facility which will enable the production of high purity naphthalene that can be used to produce polynaphthalene sulfonate (PNS).

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## About Sulzer

Sulzer is a global leader in fluid engineering. We specialize in pumping, agitation, mixing, separation and application technologies for fluids of all types. Our customers benefit from our commitment to innovation, performance and quality and from our responsive network of 180 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2021, our 13'800 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN).

The Chemtech division is the global market leader in innovative mass transfer, static mixing and polymer solutions for chemicals, petrochemicals, refining and LNG. We are steering the way in ecological solutions such as bio-based chemicals, polymers and fuels, recycling technologies for textiles and plastic as well as carbon capture and utilization/storage, contributing to a circular and sustainable economy. Our product offering ranges from process components to complete process plants and technology licensing.

*Visit our LinkedIn channel at [www.linkedin.com/showcase/sulzer-chemtech](https://www.linkedin.com/showcase/sulzer-chemtech) for exciting updates and more!*

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