



November 9, 2020

Denka Company Limited

**DENKA SINGAPORE 40<sup>TH</sup> ANNIVERSARY  
INNOVATION THROUGH PROACTIVE INVESTMENT IN NEXT-GENERATION PROJECTS  
AND HUMAN RESOURCES**

Denka Co., Ltd. (CEO Manabu Yamamoto, headquartered in Tokyo Japan) celebrates Denka Singapore's 40th anniversary this year.

To ramp up its production of acetylene black, a highly conductive material used as a filler in manganese dry cells and high voltage cable coverings, Denka established its Singapore entity on 20 September 1980 and was one of the first to do so among Japanese chemical manufacturers. Following acetylene black, Denka Singapore rapidly expanded its state-of-the-art manufacturing portfolio to include fused silica (for which Denka has a sizable world market share) used in semiconductor encapsulation, styrene resins used in a growing number of applications, and synthetic PVC fibers traded under the name Toyokalon®. Denka now operates four (4) plants, manufacturing seven (7) products here in Singapore. In 2009, Denka established a holding company to oversee its businesses in the Asia-Pacific region. In 2013, Denka set up a Southeast Asia business hub for special cement additives to meet the growing investment demand for infrastructure projects in the region. In 2016, Denka went on to create a life science R&D research center to address tropical infectious diseases.

All these business endeavors have led to Denka Singapore's attainment of USD 500 million in sales and USD 60 million in operating income, the highest figures achieved among the Denka Group of companies, and 300 jobs created over the past 40 years. In recent years, Denka Singapore has promoted local talents to senior management positions, sent young university graduates to Japan for training and development, and onboarded highly qualified individuals with Ph.Ds.

Singapore has a highly competitive edge owing to its stable supply of raw materials and utilities coming from its world-class petrochemical hub 'Jurong Island', world's largest leading-edge container terminals, preferential investment taxation incentives, and highly transparent legal system. Taking full advantage of these Singapore strengths, Denka, with strong support from EDB (Singapore Economic Development Board), will ramp up the production capacity of super pure acetylene black, while moving forward with investments in a new spherical alumina production line and an additional MS resin production line, both

slated for commencement in 2021. Super pure acetylene black is used in lithium ion batteries, spherical alumina in next-generation semiconductors made for xEVs and 5G equipment, and MS resin in LED light guide panels. Denka enjoys a prominent market share in MS resin for LED light guide panel use.

Positioned as a model plant for the Denka Group, the styrene resin manufacturing plant at Seraya will be injected with IoT investments for its transformation into a smart factory enabled to analyze big data and forecast real-time demands.

Through its proactive hiring of human resources equipped with skills and capabilities for deployment in new investment projects, Denka plans to add more than 40 new jobs in Singapore by the end of the year 2022.

Denka has designated Singapore as a strategic location and will continue its efforts to actively propel forward its business development and advanced R&D in Singapore,

“Denka has established a long-standing relationship with Singapore over the past 40 years, and the company’s continued growth is testament to its trust and confidence in Singapore.” said Mr Damian Chan, Executive Vice President, EDB. “We are heartened by Denka’s commitment and efforts over the years to grow your manufacturing base in Singapore, digitally transform your operations and develop a strong base of talent here. This has created good job opportunities for our people and strengthened the skills of our workforce. I would like to express my heartfelt thanks to everyone in Denka for their contribution to the company and Singapore, and look forward to our continued partnership as Denka positions itself as a Specialty-Fusion Company.”

Comment from Manabu Yamamoto (CEO, Denka Co., Ltd.)

On this happy occasion of our 40th anniversary in Singapore, I would like to express my heartfelt gratitude to the Singapore Government, our customers, employees, and all stakeholders. Denka operates globally with an aim to improve productivity across all its Group companies so as to become “an enterprise truly needed by societies around the world”. In our pursuit of such productivity improvement, Singapore is a very important strategic base because it has one of the most advanced IT system in the world and abundant highly talented and skilled human resources. With continued support from EDB, we at Denka, are determined to expedite our productivity innovation with DX (digital transformation), so as to further our business development.

### Denka Singapore Major Milestones

1980	Denka Singapore Private Limited (DSPL) established
1984	Merbau Plant construction completed. Acetylene black production commenced.
1989	Denka Advantech Private Limited (DAPL) established
1991	Tuas Plant construction completed. Fused silica production commenced.
1997	Seraya Plant construction completed. Polystyrene resin production commenced.
2006	Seraya Plant: SBC resin Clearen® and MS resin production commenced
2009	Regional Headquarters Denka Chemicals Holdings Asia Pacific Private Limited (DCHA) established
2012	Seraya Plant: Denka IP production commenced
2013	Tuas South Plant construction completed. Toyokalon® production commenced.
	Denka Infrastructure Technologies Private Limited (DIPL) established as Southeast Asia's Regional hub for Special Additives
2016	Denka Life Innovation Research Private Limited (DLIR) established as Life Science R&D Research Centre
2017	Smart Factory driven by digital transformation: 5-Year Production and Business Innovation Project commenced
2021 (Planned)	Tuas Plant: Spherical alumina production to commence Seraya Plant: MS resin production capacity to double

### About Denka:

Denka is a chemical manufacturer headquartered in Chuo-ku, Tokyo. The company specializes in developing business activities on a global scale across a wide range of fields, from inorganic and organic chemicals, to electronic materials and pharmaceuticals. Founded in 1915, Denka has steadily continued to develop and manufacture products that contribute to the development of society by fully utilizing its unique concepts and technological capabilities. Upholding its corporate slogan, "Possibility of chemistry," the company and its president, Manabu Yamamoto, are committed to contributing to the sound development of the society while sincerely tackling the challenges that the society is now confronting.