

## ARNEL SANTOS

### Senior Vice President, Operations



Arnel joined NOVA Chemicals in 2016 as SVP, Operations. Prior to that, Arnel served as Regional Vice President, Manufacturing, South Eastern Asia for Shell Eastern Petroleum Limited.

Arnel started his career with Shell in 1991 as a Technologist at Shell's Tabangao Refinery, then moving to various leadership roles in oil movements, economics and scheduling and process unit start-ups. Later he worked on heavy crude upgrading technology with Shell's Global Solutions division. From there, Arnel moved to the Pulau Bukom Refinery where he contributed in both technology and operational roles, before returning to Global Solutions to lead the Distillation, Thermal Conversion and Light Ends technology delivery group. Arnel became General Manager of the Tabangao Refinery in 2009.

In 2012, he assumed the role of General Manager for the Scotford Upgrader in Upstream Americas' Heavy Oil business, located in Edmonton, Alberta, Canada. In 2013, he was appointed Regional Vice President, Manufacturing, South Eastern Asia, based in Singapore. In addition, Arnel has served on several Boards of Directors in the Middle East and Asia Pacific.