

INTRODUCING A1 PROCESS ASSOCIATES

A1 Process Associates (APA) is a niche Process Engineering Service entity undertaking generic process studies like hydraulic and surge studies, expert review of process documents, assistance in procurement of process equipment, preparation of high level commissioning and operating manuals, process-related classroom training etc.

APA is a Sole Proprietorship Business Entity owned by Mr. V. Kumar. Vikay is a Chemical Engineer and has been an active member of IES Clean Energy and Power Sub-committee and SEAS. He is a process engineer with more than 40 years experience in the Downstream Oil and Gas Industry. Vikay was Start-up Engineer for the VPS at Hindustan Petroleum Bombay Refinery (formerly ESSO). After a career of 21 years with both manufacturing and service industries in India, Vikay joined Rotary Engineering Limited in 1994 as Lead Process Engineer and oversaw the process engineering of such flagship projects like the Xiamen Storage Terminal, Thai Tank Terminal, Vopak SMAG Project, Vopak Tianjin Ethylene Terminal, Oiltanking Chemical Storage Terminal, SLNG Feasibility Study etc.

In 2006-2010 Vikay had the opportunity to be associated as Lead Process Engineer with WorleyParsons Singapore on both the Mega Projects of the decade, ExxonMobil – SPT and Shell ECC. In 2007 was deputed to Beijing, China, as LNG Expert for PetroChina LNG Terminals. Had in-depth exposure to LNG regasification terminals and Small LNG reliquefaction plants.

Beginning 2011 Vikay has been undertaking process engineering contracts under APA and has worked with many local contractors as Expert Process Engineer.

As part of his career spanning 20 years in Singapore Vikay has set a pioneering track record by designing and supplying key process equipment such as:

- Wet Scrubbers Vopak Sakra and Vopak Caojin
- Refrigerated Storage Vopak Ethylene Terminal Tianjin, China
- Carbon Adsorber Oiltanking Chemical Terminal
- Tank Refrigeration Oiltanking Chemical Terminal
- Speciality Seal Gas Oiltanking Chemical Terminal

Thus APA's niche thrust areas are:

- Brownfield process revamps
- Expert Reviews of Process Documents
- Specialist Studies using Generic Software
- Operational Trouble-shooting
- Process Solutions

INTRODUCING A1 PROCESS ASSOCIATES

Project Track Record:

Year	Type	Owner	Main Contractor	Sub-Contractor
2014	1-Butene Line for Lanxess	Vopak Banyan	Jurong Engineering Maintenance	A1 Process Associates
2012	1-Butene Storage for Bio-refinery	Wilmar Elevance	Shafook Engineering.	A1 Process Associates
2011	Q-Chem 2 Revamp	Oiltanking Chemical	Shafook Engineering	A1 Process Associates
2009	ECC Ethylene Jetty	Shell Bukom	WorleyParsons Singapore	WorleyParsons Singapore
2007	LNG Expert	Petro China	WorleyParsons Melbourne	WorleyParsons Singapore
2006	SPT IRF Feed	Exxon Mobil	FWP	WorleyParsons Singapore
2005	Refrigerated Storage	VETT Tianjin	Rotary Engineering	Weir LGE Process
2004	LPG Recovery	BP Zhuhai	Rotary Engineering	Refrigeration Engineering
2004	Wet Scrubber	Vopak Caojin	Rotary Engineering	Rotary Engineering
2003	Peroxide Treater	Oiltanking Chemical	Rotary Engineering	Thai Rotary
2002	Dry Scrubbers (carbon)	Oiltanking Chemical	Rotary Engineering	Stracom Engineering
1999	Wet Scrubber	Vopak Sakra	Rotary Engineering	Stracom Engineering
1998	Wet Scrubber	Vopak Sakra	Rotary Engineering	Stracom Engineering

Contact Details:

Mobile: (65) 96652040

Website: <http://a1process.com.sg>

E-mail: v.kumar@a1process.com.sg