

CASE STUDY: Pump air distribution system adds savings to Indonesian solvent plant

Wilden provided a solution to the Indonesian-based solvent producers, Indochemical Citra Kimia, also known as IndoChem.

By Danny Sanders, Director of Sales Asia/Pacific, Wilden and Pump Solutions Group

IndoChem, which represents Asia Pacific Petrochemical Co., has three plants in operation in Indonesia, all of which have holding tanks that can accommodate up to 45,000 liters (11,888 gallons), and are constantly being filled and emptied depending on the facility's needs. In all, IndoChem handles a total of 300 million liters (79.3 million gallons) of solvents per year at its production facilities.

They wished to improve their operational efficiencies at their plant by adding more pumps in



IndoChem used a Wilden Pro-Flo SHIFT AODD Pump to fill a 45,000-liter tank in 78 less minutes. IndoChem engineering team: Rob Cheng (left), Peter Koh (right), and Erwin Juardi (bottom).

order to decrease transfer times. Winston Engineering Indonesia suggested the Pro-Flo SHIFT AODD Pump from Wilden, which offered optimized transfer times with minimized air consumption. A number of on-site transfer tests, in fact, determined it took 78 minutes, on average, to load a 45,000-liter tank with 2,164.08 fewer standard cubic feet per minute (SCFM) of air. Compared to their previous transfer time, which took seven hours, the Wilden pump air distribution system (ADS) was able to deliver as much as 60% savings.

