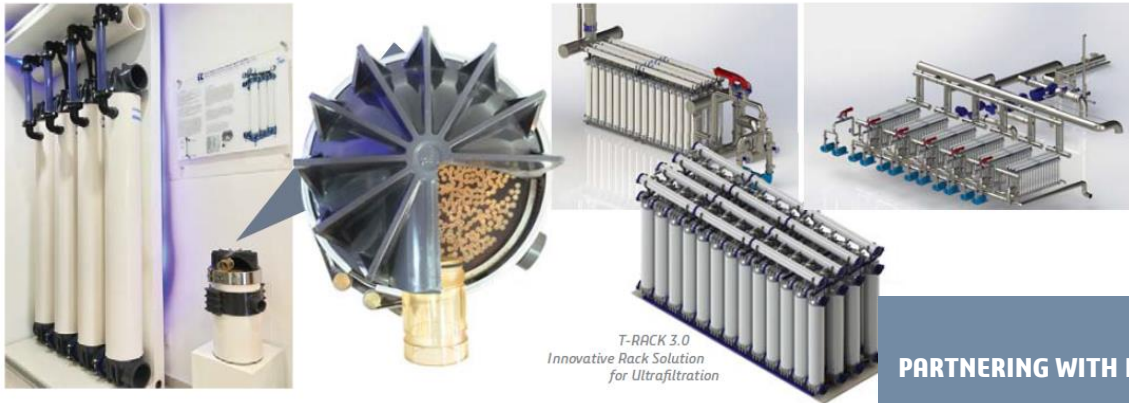


3D SOLUTIONS FOR RESILIENCE



TECHKEM improved products and solutions through technological innovation



Founded in 2002, TECHKEM takes pride in their organisation's steadfast growth covering a wide-range of expertise in the water and wastewater industry. With more than 15 years of experience, TECHKEM has grown into one of the leading water treatment solution providers in process and specialty chemicals committed in assisting industries to solve treatment plant operation problems in boiler, cooling tower, municipal and industrial wastewater treatment applications. TECHKEM widespread presence has extended across the region of Southeast Asia, facilitating collaboration with local partners in Indonesia, Thailand and Myanmar.

LIMITATIONS IN DESIGNING

TECHKEM find difficulties in fulfilling the ever-growing expectations of customer, improving the accuracy of drawings in design stage and also meeting the tight project timeline. Customers are demanding more over the years as they need to see real prototype to be more confident with the products. Moreover, vision limitation in 2D drawing is bringing constraints to technical team. It is insufficient to create drawings with precise dimensions on the piping line which is critical for quality production. As the project timeline are getting shorter to achieve faster product delivery, the time frame prescribed to design process is significantly slashed too.

ACCURACY AND EFFICIENCY

TECHKEM has chosen to turn to 3D solutions for better efficiencies throughout its design to manufacturing process. SOLIDWORKS 3D design enables the technical team to render 3D drawings that are close to real-life environment which eventually helps in meeting customer expectation and building up their confidence in the products. Besides, Using SOLIDWORKS to design the piping line also helps in meeting the project timeline by achieving 80% faster in the design process.

EMBRACING INNOVATIONS

In view of Mr. Muhammad Fildaus, draftsman at TECHKEM, innovation is creating a product that is never before seen in the market. Today's trend is driving increasing demands of new products from customers and it could be an opportunity to generate larger target market. TECHKEM has plans to integrate SOLIDWORKS Simulation into its current process to improve the quality of its piping system and position them better in the market.

PARTNERING WITH IME

"IME has been a fantastic partner with great customer service and prompt technical support which is a big help when we were facing technical difficulties. I have learned and evolved from a beginner to advanced SOLIDWORKS user. This brings values to us."

Muhammad Fildaus
Draftsman of TECHKEM