John Kangsumrith

CHEMICAL ENGINEER

PROFILE SUMMARY

Detail-driven Process Engineer with a track record of driving yield and productivity improvement projects. Seeking a forward thinking, systems driven company to grow with.

ACCOMPLISHMENTS

- Lead an R&D group to develop and implement new high capacity jets increasing old line production by 20% at 1.3 dtex, a size fiber that's high in demand. (2019)

- Lead 3 six sigma teams to de-bottleneck upstream of fiber production. This initiative reduced trash (extruded fiber imperfections) significantly. Trash bales saw a marked decrease in 2017, Lenzing's most profitable year.

CONTACT DETAILS

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EXPERTISE HIGHLIGHTS

- High viscosity thin-film evaporators (filmtruders)
- High viscosity maag pumps
- Dry Jet- wet spinning and high capacity spinnerets
- Fiber Extrusion defect prevention (trash prevention)
- Data Analysis, Continuous Improvement
- SQL, PIMS, SAP, Aspen/HYSYS, VBA, Javascript, Karel

WORK EXPERIENCE

Polymer Process Engineer

Lenzing Fibers, Axis AL. September 2017 - Present

- Maintaining process continuity by handling day to day operations of pulp, premixing, dope making and transport, fiber extrusion, trash prevention, etc. . Aiming to increase output to 55 kilotons in 2019.
- Polymer plant (upstream) subject matter expert, aiding in troubleshooting, debottlenecking, & continuous improvement.
- Created an E-learning and forum platform for plant operators to access via terminal computers. The full platform included over twenty PDF lessons breaking down complex ideas and outlining plant best practices.
- In charge of pulp supply chain and process consumption. cellulosic fiber extrusion, and fiber making
- Quite familiar with Fanuc Robotics and Karel programming due to their use in Lenzing's pulp upstream consumption.

CREDENTIALS

Management & Strategy Institute

Six Sigma Lean Black Belt Professional, 2019

- Credential ID 21649394

University of South Alabama

Bachelor of Science in Chemical Engineering, 2012-17

- Graduated Cum Laude