

Hiro Kusakabe, EIT

hkusakabe@outlook.com • 360-560-0411 • Longview, WA

EDUCATION & CERTIFICATES

Engineer in Training – Chemical
Washington License – EIT #20101665

2020 – Present

University of Washington – Seattle, WA
B.S. – Bioresource Science & Engineering,
Minor – Environmental Science & Resource Management

2013 – 2018

Lean Six Sigma – Yellow Belt
Lean Six Sigma – Green Belt

Anticipated April 2020

Anticipated May 2020

WORK EXPERIENCE

Process Engineer I
Sonoco Products Company, Menasha, WI

Aug 2018 – Current

- Managed and facilitated a continuous improvement project funnel with savings of over \$200k annually
- Led the mill 5 why process to implement and control corrective actions to reduce scrap, reduce downtime and improve productivity
- Led the implementation and optimization of new equipment to increase sales of the mill by 10% while reducing shipping costs by \$470,000. Trained operators and maintenance personnel on how to use new equipment
- Accountable for efficient manufacturing operations, product quality, management (110+ union employees), and educated/mentored employees on cost reduction and productivity projects
- Led safety pillar team to reduce hazards in the mill by over 90% by completing various projects
- Directly managed a department of over 15 employees. Coordinated preventative and general maintenance tasks, safe work procedures, and daily operation

Engineering Intern – Power and Recovery Department
International Paper, Springfield, OR

June 2017 – Sept 2017

- Led an experiment and calculated a new conductivity threshold to recover used chemicals before discharging to the wastewater treatment plant. Savings of \$13,000-\$26,000 / occurrence
- Improved process reliability by developing a chemical inventory calculation to predict an accurate value by incorporating tank level, concentration, and temperature
- Reduced safety risks and production impact by updating procedures to follow in case of an emergency for the mill compressed air system
- Improved safety by reducing the likelihood of water hammering for the steam lines by locating and labeling all drain valves on a P&ID

Engineering Intern
Weyerhaeuser/Norpac, Longview, WA

Jan 2016 – Sept 2016

- Led a chemical trial to reduce chemical usage. Validated savings of over \$75,000 annually
- Improved accuracy and precision by greater than 30% for 4 consistency meters by collecting and analyzing data and implementing correction factors into the PLC
- Took ownership of daily quality tests to ensure crucial quality specs were being met

OTHER SKILLS & CERTIFICATIONS

- **Skills:** AutoCAD, Microsoft Office, Fluent in Japanese, Aspen, Capstone, Umpiring
- **Certifications:** OSHA 30