



# MECHANICAL ENGINEERING

Experience and Innovation Working for You

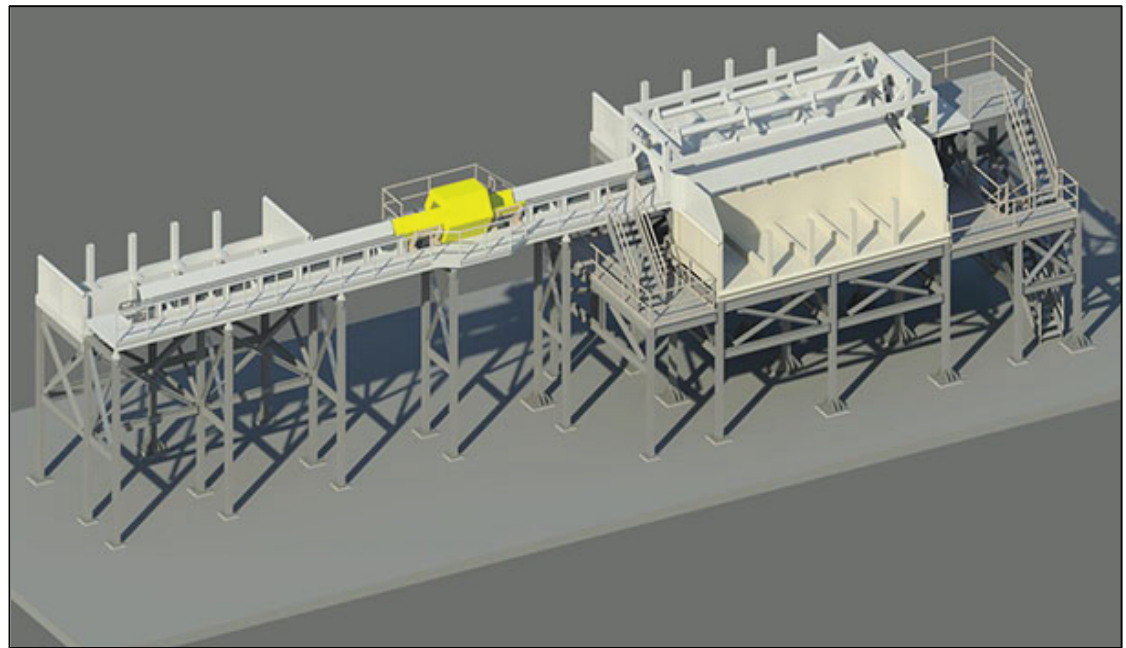
1658 Malvern Ave.  
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200 Mackenan Dr.  
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303 Main St.  
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12591 Vulcan Way  
Richmond, BC V6V 1J7  
604-273-1915

[www.mseco.com](http://www.mseco.com)



## Professional Memberships



Mid-South Engineering's Mechanical Department provides a wide array of services to support clients' needs from upgrading a single piece of equipment to complete green field facility design. Our Process Engineers work closely with our Mechanical Engineering and Design team to make sure the equipment and systems will meet the client's requirements. Combining innovative design tools and practical experience, we help our clients optimize opportunities, increase return on investment, and develop a product of superior quality.

## What We Do:

Engineering, Design, & Specifications:

- Energy & Mass Balance
- Process Equipment
- Bid Analysis
- Material Handling
- Fire Protection
- Process Flow Diagrams
- Custom Equipment
- General Arrangements
- Pneumatic Systems
- Piping Systems



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## Partial Client List

Louisiana Pacific  
Georgia Pacific  
Norboard  
Weyerhaeuser  
Uniboard  
Enviva, LP  
Temple  
KiOR  
Martin-Marietta  
International Paper

The Mechanical Department work closely with Mid-South Engineering's Site Development, Structural, and Electrical Departments to support our core industrial markets. We also offer Engineering Support Services for custom equipment manufacturers, re-engineering of equipment to correct deficiencies or increase functionality, as well as detailed designs for one-offs and prototypes.

## Programs Used:

- Revit
- AutoCad
- Internal QA/QC
- Adept Document Control
- Solid Works
- Ceasar II - a steam pipe stress analysis
- Proprietary System Modeling Using Excel
- 3-D Design Using Inventor and Revit