

# POSITION PROFILE:

## Research and Development Conveyance and Lamination Engineer

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### SUMMARY

The Research and Development Conveyance and Lamination engineer will lead and coordinate conveyance and lamination process development across a number of product lines including Carestream Advanced Materials (CAMS) and Contract Manufacturing at the Carestream Health Oregon (CHO) facility. This will include activities such as initial conveyance and lamination assessment of new flexible supports; process and equipment development; manufacturing scale up; capital design and installation; and productivity improvements.

This engineer will be expected to lead the technical efforts around conveyance and lamination on each product and use appropriate project planning, troubleshooting, experimental design, and other tools to drive product, process, and quality improvements. During product development the Conveyance and Lamination Engineer will need to work closely across functional areas and sites to bring new products from lab to manufacturing scale in a timely manner.

### EDUCATIONAL REQUIREMENTS and BACKGROUND

- BA, BS, or MS in Chemical Engineering, Materials Science, Mechanical Engineering or similar
- Experience level: ~10+ years experience
- Currently authorized to work in the United States
- Required Background:
  - Conveyance process engineering with expertise in winding and flexible web transport
  - Lamination process engineering with expertise in cold and hot lamination unit operations
  - Equipment knowledge related to conveyance and lamination (e.g., drives, roller types, laminate materials, etc.)
  - Flexible web coated media product development
  - Process and/or product development
  - Technical writing and effective communication competency
  - Strong mechanical, materials, and process modeling knowledge required
- Preferred Experience:
  - Profession Engineering License
  - Mechanical design and installation along with ability to read mechanical and P&ID drawings
  - Black Belt and/or demonstrated statistical analysis expertise
  - Project or program management certifications
  - C1D1 electrical classification and equipment experience
  - Drying process knowledge

### PRIMARY RESPONSIBILITIES

- Lead flexible web conveyance and lamination process development efforts across product lines in the manufacturing facility.
- Participate on support development and manufacturing product engineering teams to optimize conveyance and lamination for manufacturing scale up and commercialization.
- Coordinate activities with manufacturing process engineering staff to ensure new and existing equipment match needs of future product lines.

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- Design and execute experiments with appropriate design of experiment methodology and data analysis.
- Participate and sometimes lead capital projects in the conveyance and lamination area including design and implementation.
- Develop timelines and milestones for projects, identify risks and issues, and develop appropriate plans to address.
- Utilize troubleshooting skills to determine root cause of quality issues.
- Lead projects around conveyance and lamination to improve quality and yield of commercialized products across plant sites.
- Develop and provide training for operators, technicians, mechanics, and engineers around the conveyance and lamination processes and equipment.
- Literature and patent search/scouting of new advances and new technology of film conveyance/lamination and actively identifying intellectual property and patentable inventions.
- Up to 25% travel, primarily domestic.

#### **How to apply?**

Please visit our Carestream website and search our jobs. This specific position is at:

<http://www.carestream.com/csh-careers.html> under **4850BR Conveyance and Lamination Engineer**. We look forward to hearing from you.