



BUILDING ENVELOPE SPECIALIST

MTA Inc. provides harmonized building envelope and building performance services with our architectural practice. Based in our Calgary studio location, the Building Envelope Specialist will be responsible for work in all aspects of the building envelope service which includes repair and restoration for existing buildings and new construction projects.

SUMMARY

This person is highly motivated, will have a strong understanding of building systems and components and construction processes. They are a team player with strong communication, organization, and problem solving skills. They will have BA in Architecture or Engineering, or have a certificate or diploma in Architectural or Engineering Technology with minimum of 3 to 5 years progressive experience in building envelope consulting. They Must have a working knowledge and ability to use programs such as Microsoft Word and Excel and Bluebeam (or another PDF mark-up tool).

Experience in the following programs are an asset: Therm 6.3, Windows, WUFI, HAM, REFM, Mepla, and any of the various scheduling programs, and 3D building modeling software. This person will manage their time and complete tasks within timelines and budgets. They will ensure MTA document standards are met and will archive documents appropriately.

Under the guidance and direction of a senior Envelope specialist, this person will be responsible to work in all aspects of the building envelope service which includes repair and restoration for existing buildings and new construction projects.

It also encompasses forensic inspections of existing buildings to diagnose failures or determine the condition of various building envelope systems and computer aided analysis of building envelope details and performance (training will be provided).

This person will assist with product research; assists project designers with material selection and system research; exchange information on architectural materials and methods. They will participate in team meetings to help resolve project technical issues, write field reports and research and complete QA/QC reviews. They will provide support to construction administration personnel including field reviews and coordination, review and issuance of change orders and clarifications.

POSITION OVERVIEW

- They will have BA in Architecture or Engineering, or certificate or diploma in Architectural or Engineering Technology with minimum of 3 to 5 years progressive experience in building envelope consulting.

- Highly motivated, will have a strong understanding of building systems and components and construction processes.
- They are a team player with strong communication, organization, and problem solving skills.
- Will manage their time and complete tasks within timelines and budgets.
- Will ensure MTA document standards are met and will archive documents appropriately.
- Under the guidance and direction of a senior Envelope specialist, this person will be responsible to work in all aspects of the building envelope service which includes repair and restoration for existing buildings and new construction projects.
- Writing reports related to field work and research.
- Computer aided analysis of building envelope details and performance (training will be provided).
- Assisting with the preparation of tender specifications, drawings, and sketches.
- Internal roles in the ongoing development of our technical standards and design tools.
- Drawing and specification review for new construction projects.
- Review of submittals and shop drawings during construction.
- Will participate in team meetings to help resolve project technical issues, review work progress and complete QA/QC reviews.
- Responsible to achieve technical excellence and work within a collaborative frame work

CHARACTERISTICS & SKILLS

- 3-5 years' experience in building envelope consulting.
- Bachelor's degree or Diploma in building science, engineering, or architecture; or equivalent training.
- Checks completed reports, plans, estimates and calculations for accuracy.
- Excellent communication skills both verbal and written with the ability to manage complex situations with multiple stakeholders.
- Must be willing to work at heights, including climbing ladders and working on swing stage.
- Must have a working knowledge and ability to use programs such as Microsoft Word and Excel and Bluebeam (or another PDF mark-up tool).
- Experience in the following programs would be an asset: Therm 6.3, Windows, WUFI, HAM, REFM, Mepla, and any of the various scheduling programs, and 3D building modeling software.

- Organizational skills are extremely important, particularly in managing multiple tasks and responsibilities simultaneously
- Proven ability to ensure deadlines are met is critical
- Must be able to handle pressure

Please submit your cover letter and resume to*:

MTA | Urban Design Architecture Interior Design Inc.
310, 625 11 Ave SW
Calgary AB T2R 0E1

Email: careers@mtalink.com

*Electronic submissions are preferred