

My Name Here

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Today's Date, 2020

Insulin Company
Company Address
City, Province, Postal Code

Dear Hiring Manager,

I am writing to apply for your Supplier Quality Engineer position posted on Website. I am a graduate of Canada University's Materials Engineering Co-op Program. My 20-month co-op work experience will act as a strong foundation towards my integration and success in your organization. Diabetes is an issue that has personally affected me, and I would find helping those who suffer from it fulfilling. I believe that my professional experience, in combination with my varied technical background, has provided me the problem-solving and practical skills needed to succeed in this position.

Most recently I worked on a fully-funded research project that I personally developed during a semester-long sustainable engineering course. I researched the possibility of hemp-based, biodegradable cigarette filters from a materials standpoint, while ensuring such a product would be economically viable. My findings were deemed successful and the project continued to a laboratory testing phase by the University after I graduated. This role allowed me to experience a more theoretical approach to the engineering discipline, unlike my previous, more technical work experiences.

My primary role at Pipeline Company {PC} was performing daily pressure cycling calculations on their pipeline to ensure that internal pressures remained within the designated operational design thresholds. I root caused abnormal pressures and detailed my finding. My reports were used as justification that these outliers did not compromise the safety of PC's operations. In one instance, I traced deviations to an engineering design change that had inadvertently caused fluctuations in our readings. This role taught me to interpret large sets of data quantitatively while communicating their meaning qualitatively.

Prior to that I worked in Oil & Gas Co's Metals Lab conducting hands-on, high priority failure analysis on oil and gas equipment. I determined modes of failure using microstructural evaluation and drafted quality assurance reports to communicate my findings. These reports were used to implement engineering design changes to mitigate or prevent failure reoccurrence. I had to evacuate Fort McMurray due to the 2016 fire, and upon returning I was repositioned to a new role where I ensured governmental regulatory compliance for backlogged overdue piping inspections. I reviewed P&IDs, examined corrosion data, and performed mathematical analyses ensured each pipe's short and long-term integrity.

Having worked both independently and collaboratively in research and industry settings, I am suitably qualified for a position focused on applying theory and judgement in a manufacturing setting. My strong communication skills in team settings has been integral to the success at my previous internships. Learning in interpersonal contexts has been crucial in strengthening my technical engineering skills as well as building long-term professional relationships in the industry.

I am excited for the opportunity to be considered for your Supplier Quality Engineer position, and I await learning about next steps of the application process with much interest. My CV is attached, and I would be happy to provide any additional information. I look forward to hearing from you.

Thank you for your consideration.

My Name Here (with my sexy signature in the gap above)