Application Complete 202510_GR_G Application: **Iteration Name:** Grad Program Applying To: MES Program Name: MES Recommendation Information Recommended By: Recommenders Title: **Chemical Support Department** Manager Charlie Le Recommenders Institution: Asko Processing, Inc. Contact Name: Alexander Sullivan Recommendation Waiver Waive Access to I do not waive my right to I do not waive my right to Recommendation Ltrs: review this recommendation. review this recommendation. Choice: Recommendation Form Recommendation Status: Received Submitted: Received Date: 01/26/2024 09:14 PM Recommender Assessment: I recommend this applicant. Recommendation Type: General Recommender Form: Letter of Recommendation Recommendation Entity ID: 1024000112400609 Josephine Bernier Recommendation Owner: Recommender Form Questions How long have you known Applicant ability as applicant: self-directed learner: Time since last contact with Applicant as productive applicant: member of group: Relationship with Applicant: Applicant most significant strengths: Ability to complete rigourous Responsibility/reliability: grad program: Communication Skills - Oral: Communication skills written: Service Ability to work independently: Orientation-sensitivity/empathy: Ability to handle stress: Ability to think critically: Ability to analyze/problem Ability to think creatively: solve: Openness to feedback: Potential for leadership: Personal/professional Ability to work in a team: reflection: **Description Information** Description: Form URL: https://evergreenstatecollege.radius Other Information

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For the period of 2019 to 2023, Alexander Sullivan was employed as a Chemical Support Technician at ASKO Processing, Inc. in Seattle, WA. During this time, he showed commendable progression within the Chemical Support department and demonstrated that he is exceptionally well qualified to work as a Chemist in either an industrial or a laboratory setting. Alex eventually earned the position of department technical lead and was an important contributor to meeting both department-specific and company-wide continuous improvement goals.

ASKO Processing, Inc. is a metal finishing company that provides a wide range of surface treatments for aerospace, electronics, and other industrial components. Processes performed include Aluminum anodizing, Hard Chromium plating for engineering applications, various Cadmium plating processes, Nickel (Electrolytic and Electroless), Gold, Silver, Copper and Tin, Chromate Conversion Coatings, Passivation, Pickling, Blackening, Etching, Shot Peening, Sandblasting, and Non-Destructive testing. As a Nadcap[®] accredited supplier of metal finishing services to numerous aerospace manufacturers, as well as to the federal government, ASKO Processing maintains a comprehensive internal quality system that all workers are accountable to. Alex received extensive training in our quality systems and was an active participant in the development and revision of applicable Chemical Support procedures. He was required to conduct internal audits of the department and was a focal for audits of the Chemical Support department by the ASKO Processing Quality Assurance department. Through Alex's detailed knowledge and diligent adherence to aerospace quality systems the Chemical Support department maintained an excellent record of compliance with numerous industry and original equipment manufacturer audits during his time at ASKO.

The Chemical Support department is responsible for maintaining processing solutions through sampling, analysis, and additions. As a Technician, Alex participated in all three of these facets, including database management and auditing of records. He would also assist with waste treatment and disposal of process solutions and the building of new process solutions. Throughout these activities Alex showed himself to be a diligent worker and a fast learner. He often inquired as to the details of our procedures both to ensure that it was performed correctly and to broaden his own knowledge of the metal finishing industry. This detail-oriented attitude made him a valuable addition to our department. Another key part of Alex's job was the monitoring and maintenance of ASKO's Pollution Control System. Components of the system include cyanide oxidation, hexavalent Chromium reduction, flocculation of heavy metal hydroxides, and hazardous waste dewatering and drying. This is a dynamic flow-through system that requires constant oversight and a variety of responses to conditions that can change rapidly and with little warning. Beyond contaminated rinse waters, inputs included batch-treated, concentrated wastes, and a variety of chelated wastes requiring pretreatment. Alex quickly grasped the underlying concepts of ASKO's wastewater cycle and was an important part of our current record of 100% industrial wastewater discharge compliance. His participation and ability to recognize potential upsets demonstrates that he has developed the skill set required to be a successful industrial wastewater technician. As a part of Alex's job, he received training in Hazards Communication and safe handling of hazardous and toxic materials, including heavy metals, cyanides, oxidizers, strong acids and bases, and organic solvents. Alex was a certified handler of F006, F019, D006, and D007-classified hazardous materials in accordance with applicable regulatory standards. Additionally, Alex completed required training in respirator use and care per applicable federal and Washington State industrial health and safety regulations. He is also trained in Confined Space entry requirements per OSHA standards. Alex is a skilled, company-certified forklift driver and is well qualified to transport and maneuver large loads, including hazardous materials, in very tight spaces with little margin for error. Alex's experience included other training on a track towards Emergency Response Coordinator certification. This included both training on and practical experience with chemical emergency response, site evaluation, and large-scale remediation of a contaminated site.

Laboratory techniques and standards displayed by Alex would hold up against the toughest criticisms. Rarely does an individual have the capacity, capability, comprehension, and diligence required to perform all of ASKO's internal analysis procedures correctly. Among complicated formula calculations, multi-component variable correlations, and real world process application are millions of dollars for us as a leader of plating in the aerospace industry. Audit proof data analysis management and record keeping is a critical focal in our industry. Ability to judge trends in analysis, and recognition of correct action/response was one of the most valuable attributes Alex possesses. Alex leads the pack in all time technicians past and present members I have worked side by side with.

It was a pleasure having Alex work in my department. Good interpersonal dynamics are essential in a department as small as ASKO's Chemical Support team and he was a great fit within our existing group of employees. We found his positive attitude refreshing and his inquisitiveness of benefit to his own development. At all times he conducted himself in a professional manner. The work performed here is production-oriented and priorities are always changing. Alex's ability to multitask and change the focus of his efforts without issue made for a good fit here at Asko Processing. His record of attendance and on-time arrival was excellent and was willing to work additional hours when asked. I am confident that he would be a valuable addition to any Quality Assurance, Technical Operations, or Chemical Support team.

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