

Joseph Muhamed

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SUMMARY

Maintenance engineer professional with over 4 years of industrial experience performing preventative maintenance, diagnostic, repair, installation, and overhaul of industrial machinery. Possess a diverse educational/industrial maintenance background and has cultivated a safe and methodological attitude of investigating the root cause of equipment problems and adjusting/performing/recommending repairs accordingly. Has experience in DCS controlled ammonia refrigeration, reading blueprints, interpreting schematics, specification, welding, fabricating, pipe-fitting and minor plumbing. Highly motivated and always eager to learn/develop new skills/trades.

SKILLS

Maintenance

- Operation and maintenance of high-pressure boilers, DCS, ammonia compressors, and power plant auxiliary equipment.
- Diagnose and repair electro-mechanical, pneumatic, hydraulic, mechanical problems.
- Welding, pipe-fitting, plumbing and moderate fabricating.
- Occupational first aid Level 1, Standard First Aid with CPR C and AED
- Joint Health and Safety Committee.
- Forklift, WHMIS 2015 for Workers and Transportation of Dangerous Goods.

EXPERIENCE

Maintenance Engineer/Mechanic

Jan. 2017 to current

Canadian Linen and Uniform Service, Victoria, BC

- Operate and maintain a 3rd class power plant and auxiliary equipment.
- Ensure smooth plant operation by taking maintenance request call, diagnosing and making prompt repair to minimize downtime.
- Diagnose and plan schedule mechanical, hydraulics, pneumatic, electrical repair on all machinery and conveyors.
- Also perform daily plant start-up and or shut-down, weekly, monthly and yearly preventative maintenance on all plant and boiler equipment, and complete maintenance documentation on ManagerPlus.
- Perform moderate pipe/steam fitting and building maintenance related tasks to ensure smooth plant operation.

Maintenance Worker casual/on-call

June 2019 to current

YMCA-WMCA WestHills, Langford, BC

- Perform facility/building maintenance related repairs, operate and maintain swimming pool auxiliary equipment.

Shift Engineer

Jun. to Nov. 2016

Nature's Touch Frozen Foods (West) Inc., Abbotsford, BC.

- Operated and maintained high-pressure steam boiler and DCS controlled ammonia refrigeration system/plant (including screw, rotary and reciprocating Ammonia compressors, IQF freezers, cold storage evaporators, hydrochiller, and steam Blancher) to ensure that maximum production target is achieved consistently.
- Performed weekly and monthly preventative maintenance on refrigeration and plant machinery to prolong machinery life and ensure safe/smooth operation.
- Assisted and apprenticed briefly under the lead electrician to wire/install a new CLO2 system and pressure washer.

Power Engineer Casual (On-call)

Aug. 2015 to Oct. 2016

Vitalus Nutrition Inc and Alliance Freeze Dry AFD, Aldergrove, BC.

- Operated and maintained high-pressure steam boiler and DCS controlled ammonia refrigeration system/plant, including screw, compressors, IQF freezers, cold storage evaporators, freeze dry chambers (Alliance Freeze Dry AFD).
- Operated and maintain 150 HP high-pressure fire tube steam boiler (Vitalus Nutrition)
- Completed rounds, install pump mechanical seals and assist maintenance with overhaul, repair, and installation of production machinery during major plant shutdown (Vitalus Nutrition)

Maintenance Engineer/Mechanic

Feb. to Jun. 2016

Sunrise Poultry Ltd., Langley, BC

- Ensured smooth production operation and maximum throughput by taking maintenance request call and troubleshooting and repairing electrical, pneumatic, hydraulic and mechanical problems in production machinery and conveyors.
- Worked in a team (engineers, millwrights, and electrician) to ensure that the plant's daily production target is consistently met, by safely operating/maintaining high pressure steam boiler and ammonia refrigeration equipment.
- Operated/monitored Live end production processes and make immediate repairs to minimize/prevent downtime and ensure maximum productivity.

Process operator/R&D technician

Jan. 2010 to Aug. 2014

Vitalus Nutrition Inc./Vanderpol Foods. Abbotsford, BC.

- Operated dryers and auxiliary equipment to produce milk protein concentrate powder.
- Developed new food products and recommended ways to increase productivity/quality.

EDUCATION AND CERTIFICATES

Technical Safety BC Victoria, BC – 3 rd Class Power Engineer certificate	2017
BCIT Burnaby, BC – Power and Process Engineering program	2015
HU University of Applied Sciences Utrecht, The Netherlands Molecular Biology and Biochemistry	2009
St. John's Ambulance Victoria, BC - Occupational first aid level 1	2018
Drake Dynamics Victoria, BC - Forklift operator certificate	2017
St. John's Ambulance Victoria, BC - Standard level 1 first aid, CPC + AED	2019
Canadian Center for Occupational Health and Safety - WHMIS 2015 for Workers	2019