

SHAWN P. FLINN

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EMPLOYMENT OBJECTIVE

To be a full time employee with an organization that has great safety standards and a culture of continuous learning and improvement.

CERTIFICATES AND QUALIFICATIONS

- ABSA: Alberta Boiler Safety Association Fourth Class Power Engineering Certificate
- NAIT POE LAB STEAM 200 HRS : Northern Alberta Institute of Technology, Power Engineering Lab
- Completion of Third Class Power Engineering at Keyano College
- Third Class ABSA papers A and B
- Syncrude Process Operator Training on Naptha Treating Unit/Hydrotreating
- Completion of the Haul Truck Operator Program at Keyano College
- Frequent Forklift Operations

COURSES

- OSSA BSO: Oil Site Safety Association Certificate
- CSTS: Construction Safety Training System
- Fall Protection
- SCBA Training
- Confined Space Entry
- First Aid CPR/AED
- OSSA Safe Work Permits
- H2S Awareness
- Personal Protective Equipment handling and

care

- Computer Based Training Simulation:
797Caterpillar/ 930e Kumatsu
- WHMIS: Worksite Hazardous Material
Information Systems
- Alberta Security License

EMPLOYMENT EXPERIENCE

Sensient Technologies, Vancouver, British Columbia
Extraction/Boiler Operator, May 2019- Current Position

Responsibilities and Duties Include:

- Utilization of the Direct Digital Control Panel to change and monitor operating parameters of our extractions by:
changing pump speeds, valve positioning for process and steam flows, heat exchanger temperature control, and changing these components from auto to manual to run caustic
- Titration tests of our caustic to ensure proper concentration
- Monitoring digital graphs representing the pressure and temperature trends in our extraction columns for optimal equipment performance and contingency planning
- Actuating pumps and valves using the DDC and analog control panel to protect equipment from over pressurization
- Maintain the integrity of microbial ingredients we manufacture by making changes to the process variables and time frames which includes flooding, warming, extracting and cooling stages in the extraction columns
- Utilization of diaphragm pumps to filter-press our food products for sedimentation purification
- Taking Brix tests to monitor the moisture content of the extracts
- Low Water Cut Off trip tests on our Cleaver Brooks fourth class boilers
- Blowing down the boiler using quick and slow opening hand valves
- PH tests of the extraction columns to ensure caustic is neutralized after the CIP is completed
- Running caustic through the extractors to sanitize and protect equipment functionality from build up of food particles
- Activating depressurization valves digitally and manually and monitoring the steam pressures to then safely remove residual food products from the extraction columns

- Monitoring the pressure in our nitrogen tanks that supplies the control valves and instrumentation with optimal pressure values for each manufactured material
- Opening the five extraction columns using eight two inch bolts on each column, hand wheels and electric drills, then adding food ingredients for the next extraction
- Changing the process variables on the entire PLC to conform with the specific operating characteristics needed to extract key compounds from raw materials

Sunrise Soy Foods Inc, Vancouver, British Columbia
Boiler Operator Fourth Class, Sept 2018- April 2019

Responsibilities and Duties Include:

- Installing Steam traps and building pipe fittings assembly for installation
- Installing steam Regulators
- Changing the pump volume stroke on the chemical dosing pumps and adding chemicals to the boiler water
- Boiler Water Tests including, Trace Hardness, Sulphite, Phosphate and PH tests
- Troubleshooting and repairing Sanitary Vacuum Rotary pumps including rotor bearings, and mechanical seals re-installing on the production Lines
- Low water cut off tests for the O-type Watertube boiler
- Installing Sanitary Rotary Pumps, coupling Electric motors to different types of pumps
- Boiler Checks which also includes start-ups and shut downs following an SOP such as commissioning 600V Feed water Pumps, Condensate Return Pumps, Total Dissolved Solids Conductivity Meter, switching boiler from Low to High Fire for optimal thermal stresses inside the boiler, opening and closing main steam Stop Valves on the boiler header, draining main steam header condensate, draining the condensate return tank Strainer periodically for food products potential to the boiler water,
- Troubleshooting the low water cut off to the boiler

with a contractor

- Troubleshooting feedwater lines and replacing temperature sensing probes that were blocking the feed water to the boiler
- Changing process variables such as surge tank water levels, Surge tank Temperature, Condensate return tank temperature, Pasturizer Temperature,
- Installing Chemical Dose Pump chemical Lines and new Chemical Dosing pumps
- Working with and reinstalling Pneumatic Air Supply fittings
- Troubleshooting pneumatically activated Butterfly Valves for their mobility
- Installing pipe insulation to water supply piping
- Installing Gaskets on Stop Valves to process equipment.
- Trouble-shooting on Diaphragm Pumps and replacing broken parts
- Measuring and installing Curtains for the Food production Areas
- Starting the refrigeration Compressors for the Main Chillers and coolers in the plant

**Omni Pet Nutrition, Abbotsford, British Columbia
Packaging/Extrusion, July 2018-August 2018**

Responsibilities and Duties Include:

- Operating the forklift to complete Various loading procedures to the Process, i.e dumping one ton totes off raw food products by hoist method
- Completing various maintenance tasks on the process equipment, Cleaning the equipment, adding process material into the drier feed line
- Using a digital touch screen to monitor hopper weights and adding more to the process
- Using the touch screen to reset and re-engage motor powered screw augers in the hopper feed lines
- Housekeeping
- Adding ingredients by hand to the process for

nutrient supplementation

- Starting the fifth class boiler, the feed water, natural gas and chemical feed pump
- Changing the oil filter on the oil run line

NES GLOBAL SUREFLOW, Syncrude Site, Mildred Lake, Fort McMurray, Alberta
Process Operator, June 1, 2017- Sept 10, 2017

Responsibilities and Duties Include:

- Communicating shift hand over information for unit work orders and critical equipment
- Co-signing work permits and monitoring of hot work permit activities
- Using the CN70 Intellectrac handheld device for surveillance of equipment and process variables
- Monitoring Hydrotreater units through surveillance rounds and quick check rounds on critical equipment
- Taking Sour samples using the sample Bomb and sampling stations with SCBA equipment
- Slow Roll and condensate draining of the Westinghouse Seven stage turbine during commissioning
- Trip and Throttle valve tests and Trip Panel testing on the Westinghouse Turbine
- Back Washing Overhead Condenser for optimum heat exchange
- Floating steam generators during unit shut down
- Switching Sour wash water on feed exchangers
- Blocking in feed to the unit and rerouting the process to other tanks and vessels
- Replacing Nitrogen Tanks and monitoring of leaks
- Equipment Maintenance such as replacing Heavy Gas Oil Filters, Steam Traps, filling Lube Oil to Bearings, tightening Sight Glasses to correct leaks
- Using the Bentley Nevada and Annunciator alarm panel to monitor Turbine Operating parameters
- Pressure Relief Valve checks on all vessels, stripper

- towers, tanks and accumulators
- Fire extinguisher inspection and fire monitoring system checks

FORT MCKAY CONTRACTING, Syncrude Site, Aurora/Mildred Lake, Fort McMurray, Alberta
Heavy Equipment Operator,
July 1, 2014- Jan 15, 2015 / July 1, 2015- May 4, 2016

Responsibilities and Duties Include:

- Operating the 797B CAT, 793 CAT, T282 Liebherr, and 930e Kumatsu
- Installing lockout tags to isolate the equipments transmission and power
- Using the quick release valve to remove moisture and sediment from the engine start compression tank
- Using the Wenco touch screen system and two-way radio to receive and complete tasks, put equipment into proper operating status
- Briefings with team leaders discussing mining conditions, hazards and controls
- Working with heavy duty technicians to troubleshoot equipment faults, system warnings and alarms
- Using the VIMS (virtual information monitoring system) operating system to increase autolube pump pressure, check compression air pressure, monitoring of critical equipment parameters
- Responding to potential emergency situations I.E engine fires, tire fires, and equipment faults
- Calling team leaders and support equipment operators to work on areas by increasing traction in soft or tractionless areas
- Driving switch-out busses and light vehicles to switch out operators onto their haul trucks

SRS INDUSTRIAL, Fort McMurray, Alberta
Skilled Labourer
Feb 1, 2015- June 25, 2015

Responsibilities and Duties Include:

- Working with the foreman and crew members to get

tasks completed

- Assembling platforms with spud wrench - placement of completed platforms with various models of cranes, using hand signals to spot the crane operator
- Spotting light duty vehicles
- Impacting with a compressed air impact socket driver in various locations
- Installing platforms and grating
- Housekeeping in various locations on site to keep the work area organized and user-friendly

EDUCATION

- Keyano College Third Class Power Engineering - Graduate, 2018
- Keyano College Haul Trucking Program, 2013
- Vancouver Film School Graduate, 2012
- Colonel Gray High School Graduate, 2009

REFERENCES AVAILABLE UPON REQUEST