

Nilesh Luharia

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EDUCATION

Chemical Production and Power Engineering Technology (CPET)

Lambton College, Sarnia, ON

Graduated: 2019

Bachelor of Chemical Engineering

G.H. Patel College, Anand, INDIA

Graduated: 2016

CAREER HIGHLIGHTS

- Worked as a Co-op student at Maple leaf foods Inc. (**Food Industry**) towards **4th class power engineering** certification
- Have a petrochemical field experience as an **Engineer** in Linear Alkyl Benzene plant and Weak Nitric Acid plant
- Confidently work in the **2nd** class power plant and ammonia refrigeration plant
- Research student at Lambton College in Ion-exchange projects where tasks included: maintain a safe workplace, analysis of various samples, constant monitoring, and day to day lab reporting
- Developed strategic and analytical thinking, self-initiative, critical observations, reasoning, and conflict resolution while working with quality researchers
- Dynamic and self-motivated chemical production & power engineering graduate with skills like., time adaptability and persistence and also maintained a GPA of **3.46** consistently
- Gained ability to work admirably under stress in a dynamic environment with varying preferences. Worked in fast-paced environments such as Burger King while attending college and member of the research team at Lambton college

RELEVANT SKILLS AND QUALIFICATIONS

- Manifested a safety attitude with an essential amount of safety practice from completing labs of boilers, refrigeration, distillation operations, Fluidized bed reactor, and HVAC with excellent grades
- Gained skills in effectively and timely transfer the right information to the right person in the plant
- Fabricated an adsorption tower (experimental based), to treat the dye solutions
- Built and tested a chemo-car that run by the chemical reaction
- Handling non- hazardous and hazardous materials as well as waste in environmentally friendly methods
- As a Lambton college research student growing ability in a comprehensive study on research papers to successfully refined industrial problems
- Responsive to Health, Safety, Security, and Environmental Issues at the workplace
- Adaptability to mold as per necessities and prospects of daily tasks
- Displayed communication skills in group work and writing skills in reporting
- Flexible to work on the schedule including **weekends** and **nights**
- Proficient with Microsoft Excel, Word, PowerPoint, SharePoint and Outlook

CERTIFICATES

- 4th class certificate
- **Valid driving license**
- WHIMS
- Sexual Assault/Violence Policy
- AODA Customer Service
- Occupational Health and Safety Awareness
- AODA-IASR-human rights

Engineering Student

May'19 – July'19

Maple Leaf Foods

St. Marys, ON, CANADA

- Followed all the policies, safety rules, emergency plans, and work instruction
- Acquired training in the proper use of PPE, lockout tag out, and harness
- My daily tasks were: check, clean and lubricate the pump, compressors, engines if required
- Troubleshoot and performed *Preventative and corrective maintenance* on compressors, auxiliary equipment, generators, pumps, evaporators, chillers, instant quick freezer, and fans
- Reported and consolidated operational data on TSSA certified shifts
- Made a chemistry testing of the boiler water and feed water for stable and smooth operations
- Referred to an engineering logbook every day to modernize with current issues and possible problems
- Monitored and inspected control valves, burner controls, safety switches, alarm, pressure regulators, flow meters, and gauges for safe services of boiler
- Firmly followed a procedure to competition and *sign-off of work orders*, including inspections of bearings, motors, belts, indicators, and oil level in compressors
- Practiced a PLC system of the boiler to *startup, shutdown*, control firing rate, and damper movement

Research Student

Sept'18 – April'19

Center of Excellence in Energy and Bio-Technologies, Lambton College,

Sarnia, ON, CANADA

- Worked on the projects of industrial complication Like., BIOX and Bio-Line
- Maintained quality of results with detailed research on the projects to meet the client's expectations
- Flourished a technical skill by working on Microwave plasma atomic emission spectrometer, CHNS/O analyzer, ash furnace, gas chromatography, vacuum rotary, and optical emission spectrometer by following manuals and operating procedures
- Liable for finding ways to resolve technical troubleshoot of analyzing devices, optimize a process and isolation of the process
- Handled hazardous and non-hazardous materials regularly with consistent adherence to safety rules
- Excellently delivers essential verbal, computerized and inscribed information to the relevant staff in individual and in group situations
- Effectively executes proper shift switch and maintains a report book
- Supported the decision, policies, and code of conduct of research management

Engineer (Volunteer)

Nirma Petrochemical Complex, Vadodara, INDIA

Nov'12 - March'13

- Participated and observed all safety regulation while worked in the plant
- Learned to read and draw up a P&ID of the plant
- Responsible and accountable for the health and safety of others
- Owned in-depth practical understanding of *DSC system, distillation column, drying, multiple-effect evaporator, valve, vessels, and pumps* necessary in accomplishing tasks
- Achieved safety training and took part in the safety workplace events
- Monitored and adjusted process variables of a distillation column using a control panel to optimize the production and profitability
- Checked process equipment to assure safe operation during routine checkup rounds and reported unsafe work