

NISHANT SOLANKI

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Professional Summary

Trained and certified 4th class Power Engineer strive to deliver operational excellence and sustainable performance through stellar work ethics.

Work History

Co-Op Student at Toronto District School Board – Toronto, ON **05/2019 to 08/2019**

- Thoroughly **implemented** safe work practices, use of fire extinguisher, and deluge system.
- Carried out routine and **preventative** maintenances as and when required
- Treated city water with boiler chemicals to maintain pH, TDS and alkalinity.
- Operated Scotch marine boiler (15psi); performed start up, shut down and troubleshooting.
- Read and **interpreted** meters and gauges, and adjusted controls.
- **Performed** boiler safety cut offs such as low water cut off, high water cut-off, flame scanner etc.
- **Demonstrated** Lock out and tagout for safe boiler shutdown.
- Maintained daily boiler log in accordance with regulations.
- Maintained condition of swimming pool water by checking pH, Free chlorine, alkalinity, and temperature
- Increased the efficiency of filter by backwash, draining tank on series of filter tank.

Process Operator at GNFC Limited – Bharuch, India **07/2016 to 04/2017**

- Worked in 750 MTPD “Weak Nitric Acid-II” plant and learned Dual Pressure production process.
- Performed mass balances for the whole plant. Calculated heat transfer duty for all heat exchangers and derived the fouling factors to schedule the cleaning.
- Performed maintenance on machinery and equipment
- Operated pumps, compressors, heat exchangers, condensers, and absorption tower within Weak Nitric Acid plant.
- Experience in issuing work permits (cold-work, hot-work, entry-permit, excavation).

Cashier-Assistant Manager

10/2017 to 05/2019

Shell Gas Pump, Sarnia, Canada

- Processed payments for store and gas purchases; operated credit cards machine and lottery machine
- Reconciled total sales, and compiled and maintained non-monetary reports and records at the end of the shift
- Organized snack store
- Assisted customers with issues at the pump

Education

Lambton College - Sarnia, ON **2017-19**

Advance Diploma degree in Chemical Production and Power Engineering (Accelerated).

G H Patel College of Engineering & Technology - Anand, India. **2012-16**

Bachelor's degree of Chemical Engineering.

Skills

- Superior grasp of chemical engineering processes principles and development technologies
- Process troubleshooting skills
- Computer skills (Microsoft Excel, Word Power Point)
- Dedicated and self-motivated; Quick learner
- Valid G driving license

Certifications

4th CLASS POWER ENGINEER

References

References available upon request.