

JAIN JOY
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OBJECTIVE

To seek a challenging position to enhance my knowledge in the field of operating engineering to utilize my abilities for the growth of your organization as well as it offers professional growth while being resourceful, innovative, creative and flexible.

EDUCATION

Chemical Production & Power Engineering Technology (CPET) 2015 – 2017
LAMBTON COLLEGE, Sarnia, ON

Mechanical Engineering B.Tech 2013
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY, Angamaly

SKILLS AND QUALIFICATION

- Holds Fourth class Power engineering ticket from TSSA
- Hands on experience in maintenance of equipments such as Boiler, Compressors, Vacuum pumps, blowers, Cooling tower, chillers, air handling units, Autoclave, Batch Oven, CNC routers air tools and other plant equipments
- Coordinated complete re-tubing and certification of Hot water boiler
- Familiar with boiler operation and water testing, waste water treatment and air quality control (HVAC).
- Worker health and safety awareness proof of completion (WHMIS).
- Knowledge in setting-up, operation and trouble shooting of process equipments.
- Avid in distributed control systems, material testing and various analyzers.
- Comply with procedures for safe vessel entry, red tag lockout and other safety issues.
- Knowledge of heat and mass transfer as well as thermodynamics for the industrial processes.
- Knowledge in lathe machine operation, drilling and treading machines.
- Mechanical skills in the areas of piping, equipment seals and packing, welding, gas cutting and valve repair.
- Excellent troubleshooting skills on Mechanical, electrical and electronics equipments
- Knowledge in commercial software application AutoCAD.

WORK EXPERIENCE

Chief Power Engineer, D J Composites, Gander, 2017-2019

- To ensure processes and equipment such as Hot water heating boilers, Pressure Vessels including Autoclave, Air compressors and blowers, Quadraplex Vacuum Systems, Cooling Tower, Plate Heat Exchangers, Chillers, AHU(s), HVAC etc. are operated and maintained in a safe and efficient manner and in complete compliance with the Newfoundland Public Safety Act and the Newfoundland and Labrador Boiler and Pressure Vessel Regulations
- Coordinate Shut-Downs and other maintenance intensive projects
- Interfacing with internal/external parties such as Customer, Government, Insurance, and/or Quality Auditors/Agencies
- Maintain applicable work instructions and procedures
- Deputise for Facilities Manager as required.

Fourth class operating engineer trainee, Independent Linen Services, Ottawa, 2017

- Trained in safe and proper operation/functioning of plant boilers, air compressors, steam condensers, air dryers and other related power and plant services equipment in compliance with internal procedures and the Operating Engineers Act.
- Conducted daily boiler water testing, waste water treatments.
- Understood all required log entries, records and reports accurately and on-time.
- Carried out different maintenance and troubleshooting of different laundry equipments.
- Respond to emergency situations, providing timely and appropriate resolution.
- Utilized the proper personal protective equipment at all times.

Research Assistant, Lambton College, Sarnia, 2016-2017

- Part of the “**wind Mill Project**” carried out in Lambton college
- Created a calculation aid to find out the fan inlet pressure required to pull the quantity of air through the designed duct.
- Analysed all the possible losses in the system.
- Developed the best design for the duct with minimum pressure losses in the system for better output.

Boiler Engineer Trainee, Apollo Tires, Perambra, Kerala, 2014-2015

- Familiar with coal fired and oil fired boiler operation, heat exchangers, tyre manufacturing machines and diesel generator
- Experienced safe operating conditions and requirements for the safe and continues operation of boilers.
- Showed the flexibility to work different shifts.
- Worked under extreme temperature conditions and emergency plant operations.
- Experienced the process oriented continues production.
- Operated scheduled maintenance for heat exchangers, control valves and plant maintenance shutdown.

NON RELATED WORK EXPERIENCE

Customer Service Representative, Atelka, Sarnia, Ontario, 2015-2017

- Assisting customers with responsibility and providing good satisfaction.
- Resolving complicated situations.
- Achieved First Position among the team in satisfying customers and the employer.

VOLUNTEER EXPERIENCE

International Students Meet, Benedict's Catholic Church, Sarnia, 2016

- Ensured that every participating individuals comply with safety rules during the event
- Coordinated a section of fun games for kids and the participating members.
- Assisted the main chief to make different food items.
- Maintained a safe, clean and fun filled environment for participating families