

Sunil Thakur

382 Cambie Road
Nanaimo, British Columbia V9R0G7
2505914440
thakur11@hotmail.com

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Human Resources
Zellstoff Castlegar
BC Canada

Reference: Your job opening for Instrument Mechanic - 1902

Dear Human Resource Manager:

I am an Industrial Electrician and Instrumentation Technician with good mechanical aptitude having perfect grip in EI trade due to my strong passion for working in this profession only. I have extensive experience in heavy manufacturing industry construction, commissioning, maintenance and troubleshooting. I understand the importance of a quality work, planning and accurate record keeping that can be very critical when it comes to cost savings and improved productions. Working in Thailand, I have successfully overcome all the challenges of establishing in a new country like language, codes, conducts, culture, weather, transfer of skills & knowledge and building up of a solid Electrical Instrumentation maintenance department.

Now I have made a permanent move to Canada to join my family and looking for an opportunity to expand my experience, to grow and make useful contributions to the local Industry by trying to overcome again new challenges. In these efforts, beside earning my daily livings by driving a taxi, I have devoted extra hours to achieve my interprovincial "Instrumentation Mechanic" and "Industrial Electrician" Red Seal qualifications. To further succeed in this highly competitive industry, I have further upgraded myself in getting important industrial safety trainings, certified FSR instrument mechanic and a certified calibration technician.

I adopt to new environments well and enjoy challenge, thriving when given a goal to aim for and deadlines to meet. In all my work, I aim to keep quality as a top priority as well as insuring that myself and all people working with me are doing so in a safe yet timely manner. Given the opportunity I will be an asset to any work group.

Thank you for your time and consideration. Looking forward in getting a chance to explain further in more details about all points that I have mentioned in my resume which otherwise would remain limited in wordings.

Best regards,

Sunil Thakur



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382 Cambie Road, Nanaimo, British Columbia V9R0G7, Canada
Home: 250-591-4440, thakur11@hotmail.com

OBJECTIVE

To continue my career journey as an Instrument Mechanic

CAREER HIGHLIGHTS

- 10+ years of experience in the field of electrical & instrument maintenance, troubleshooting & plant start ups
- Well experienced in process control automation, repairing, adjusting, calibrating and troubleshooting
- Ability to interpret drawings, specifications, blue prints, sketches and maintenance manuals
- Hands on experience for maintaining, troubleshooting and basic programming of DCS, PLC, VFD and MCC
- Professional attitude, self starter, ability to continue learning, strong interpersonal and communication skills

PROFESSIONAL EXPERIENCE

Altogas company •Forrest Kerr power generation - BC Canada •8/2018 to 9/2018

Operator

- Monitoring, controlling, inspection, routine maintenance and operation of plant equipment
- Coordinating of "Lock Out Tag Outs" and handling of work permits
- Communicating to multi-disciplinary team, contractors and shift lead to ensure reliable operation
- Investigating and repairing electrical mechanical equipment faults on a 24 -7-hour basis
- Coordination and monitoring of work at the facilities in a safe responsible manner
- Preparing and assisting with the preparation of operation and maintenance reports
- Completion of unplanned maintenance as required from time to time

AC Taxi company •Nanaimo - BC Canada •11/2016 to 7/2018

Taxi Driver

- Driving Taxi, transporting passengers safely to their destination within Vancouver Island
- In this period, also gained Canadian equivalent certifications and safety trainings as required in my trade

Kangwal Textile Company •Thailand •4/2008 to 10/2016

Senior Manager Maintenance Electrical - Electronic - Instrumentation

- Maintained, tested, troubleshot, serviced and repaired E & I equipment of Thailand's second biggest textile cum weaving manufacturing plant having monthly capacity of 5.5 million pounds & 2.5 million pounds
- Did component level repairing of PLC card, VFD's, encoder, power supplies and other electronics
- Setup electronic parts & motor repair workshop reducing maintenance cost by 35%
- Performed routine checklists, diagnostics, inspections of E & I equipment to analyze trends predicting potential failures initiating predictive maintenance to achieve zero breakdown target
- Attended to emergency breakdown of E & I equipment across whole site
- Assisted in design, procurement and installation of power distribution arrangement for new production machines in compliance with all safety and electrical code regulations
- Recruited, trained and supervised new trade person according to plant requirement
- Did routine inspection and maintenance of 30 MW, 115/22 KV electrical substation
- Did routine inspection and maintenance of 15 MW cogeneration power plant
- Did commissioning and tuning of greenfield biomass rice husk boiler plant for steam generation
- Developed and implemented computerized maintenance management system using Microsoft Excel program
- Did preventative maintenance of AC DC motors with and without VFD's
- Maintained, Fault find and replaced old plant lighting with energy saving LED lights
- Did upgrading, basic programming, troubleshooting and maintenance of PLC units
- Frequently performed mechanical trade practices along with millwrights within allowable level
- Improved plant earthing grid network to a level below 5 ohm from 15 ohm

Kangwal Polyester Company •Thailand •4/1996 to 6/2007

Senior Manager Maintenance Instrumentation - Electrical

- Calibrated, Installed, adjusted, repaired and maintained instrumentation of Thailand's one of biggest manufacturing plant producing 360 ton per day of polyester fiber
- Consulted manufacturer's manual, circuit diagrams and blue prints to determine testing and maintenance procedures of Flow, Level, Pressure, Temperature and other measurements
- Identified and executed plant's routine annual shutdown jobs using proper planning and scheduling
- Established computerized maintenance management system using spreadsheet
- Setup inhouse workshop for instruments repairing, testing and calibration
- Established preventative and predictive maintenance schedule of whole plant instrumentation
- Did process control loop tuning by optimizing P, I, D parameters
- Did maintenance and basic configuration of SCADA controls used in production lines
- Developed instrument department's organization, recruited, trained and supervised technical staff
- Assisted in installation, startup and maintenance of 15 MW - 22KV/400 V substation
- Did operation and maintenance of emergency backup using 4 MW dynamic UPS and 1.5 MW DG
- Worked on installation, commissioning and maintenance of Coal fired steam generation plant
- Worked on installation, commissioning and maintenance of biomass rice husk fired hot oil plant
- Did maintenance of heavy fuel oil fired steam boiler plant
- Did automation of biomass fuel storage and handling
- Adopted to ISO9000, ISO14000, 5S, TPM (total productive maintenance system)
- Selected to be standby for emergency calls from the factory during weekends, holidays and nights
- Was a key member of a leading team for erection and commissioning of EI plant equipment
- Regularly joined production and service department team's meeting to improve plant performance
- Identified and established safety procedures for working in Hazardous areas of the plant
- Did root cause analysis and elimination of harmonics problems in power supplying grids
- Replaced main incoming breakers that were obsolete, unsafe and non reliable
- Installed, Re wired and commissioned upgradation kits in very old machines of 1990
- Sent enquiries and procured spare parts from overseas and optimized spare part inventory

Sunflag Thailand company Limited •Thailand •3/1992 to 2/1996

Engineer Maintenance Instrumentation - Electrical

- Hands on experience working on DCS, PLC, VFD, 1 MW Static UPS, HVAC, Boiler, pneumatic and hydraulic control systems of Thailand's 120 tons per day polyester fiber manufacturing plant
- Performed scheduled Preventative maintenance work and completed maintenance test reports
- Regular meeting with process people and gave advices on Instrumentation issues
- Calibrated instruments and educated local Thai staff about plant instrumentation details
- Prepared operating instruction and maintenance documentation on process instrumentation
- Repaired and adjusted sensors, transmitters, actuators, control valves and controllers
- Prepared material, equipment specifications and requisition for Instrumentation jobs
- Did control loops and interlock testing of all DCS cabling
- Inspected & tested control panels, MCC panels, Field Instruments, DCS
- Supervised installation of cable trays, cable laying, conduits and instrument tubing
- Did installation, commissioning and maintenance of heavy fuel oil fired burner & furnace
- Did maintenance of 10 MW - 22 KV/400V substation equipment
- Effectively used hand and power tools common to trade to get job done safely and quickly
- Established local & overseas contractors to do routine maintenance of some special equipment
- Replaced old DC motors and control with AC motors and servo control for increased reliability
- Wrote step by step procedures to calibrate machine auto controls by referring supplier manual
- Extended old MCC's and switchboards to accommodate plant expansion loads
- Regrouped 14 HV transformer to optimum load, reducing their failures and maintenance cost
- Assisted in improving power factor from 0.70 to 0.95 thus reducing energy cost
- Involved in planning of plant's shutdown activities, manpower, over time, and material requirement

J.C.T Fibers company Limited •India •5/1986 to 1/1992

Engineer Maintenance Instrumentation

- Installed, calibrated, repaired and tested operations of Instruments and control systems of India's 60 ton per day polyester fiber manufacturing plant
- Studied process and instrument control diagram to understand the process concept, details of interlocks used, various types of Instruments and Instrumentation controls involved
- Involvement with daily process instrumentation issues and ensured the appropriate timely action
- Did troubleshooting, analysis and preventive actions
- Hands on experience working with Level, Pressure, Temperature & Flow measuring instruments
- Inspected, tested and calibrated flowmeters, pressure sensors, temperature indicators
- Inspected, tested & calibrated weighing scales, process recorder, indicating & controlling devices
- Loop check and function check of various instruments
- Installed and calibrated radio active level transmitters
- Checked and replaced RTD, thermocouple probes and differential pressure transmitters
- Repaired and calibrated electrical - pneumatic positioners of control valves
- Rebuild all wiring and controls of a hydraulic bale press machine that was accidentally burnt
- Worked along with overseas machine specialist to commission their units at plant site
- Did troubleshooting and maintenance of fuel oil fired Burners, boilers and furnaces

EDUCATION

- Thapar Institute of engineering & technology college •India •3/1986
Bachelor of Engineering, Electronic Instrumentation and Controls

LICENSES AND CERTIFICATIONS

- Red seal Instrumentation technician, Ministry of training colleges and universities, Ontario Canada, 9/2007
- Provisional member (renounced), Applied Science Technician and Technologist , BC, Canada, 1/2008
- Red seal Industrial Electrician, Industrial Training Authority, BC, Canada, 9/2017
- Field Safety Representative Instrument mechanic, British Columbia Safety Authority, BC, Canada, 1/2018
- Certified Calibration Technician, American Society for Quality, BC, Canada, 4/2018

SPECIALIZED TRAINING

- Process control Station, VDO, Germany, 1987
- S5 PLC programming, Siemens, India, 1988
- Provox DCS maintenance, Fisher Rosemount, Singapore, 1996
- S7 PLC programming, Siemens, Thailand, 2002

SAFETY TRAININGS

- CSTS-09 (Construction Safety Training System)
- WHMIS 2015 (Workplace Hazards material information system)
- H2S (Hydrogen Sulfide) awareness
- CPR (Cardio Pulmonary Resuscitation) - first aid Level 1
- Working at heights
- Aerial lift safety
- PPE (Personal Protective Equipment)
- Lockout Tag out
- Working in confined spaces
- Arc flash & Shock hazards electrical CSA Z462 safety training
- All above training valid until year 2020