

Sir/Madam

I would like to formally offer my skills for the role of Instrumentation / Electrical Technician. I possess in excess of thirty years of experience in the Instrumentation / Electrical field with an equal weighting in the following areas of the profession: Project management, construction, plant maintenance, commissioning, and plant startup. I also possess supervisory, planning, T/A, mentoring and team building experience.

My expertise can also be best described as multidisciplinary, in that I have worked intimately with the following disciplines and have an excellent working knowledge of the interrelation that exist between the professions: Rotating Equipment Engineers, Millwrights, Machinists, Metallurgists, Chemists, Process Engineers, Control Application Engineers and the various construction trades. I also possess excellent vendor recognition, product knowledge and application experience.

I possess the following Interprovincial certificates:

- Instrumentation Journeyman.
- Electrical Journeyman.
- Fifth Class Power Engineering.

I also possess the following additional personal attributes such as: Punctuality, resourcefulness, integrity, adaptability, dedication and open-mindedness.

If you have any additional questions please do not hesitate to ask.

Sincerely
Peter R Klein

Peter R. Klein

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Objective

To obtain a meaningful E/I role in which I can make a significant contribution towards an organizations success.

Work History

May 2007 ***Suncor Energy Inc.***

To June 2017 Fort McMurray, Alberta Supervisor **Hardik Thakore**

Job Title: E/I Specialist Upgrading CFT

- Project Supervision for internal personnel and contractors.
- Maintain and service 25kV Siemens Perfect Harmony VFD's.
- Voyageur Upgrader I/E specialist. Duties included providing I/E operational / maintainability perspective for HAZOPs, FAT testing of rotating equipment and inspection duties in module yards.
- Acting Supervisor / Coordinator during shutdowns and outages.
- Regulatory compliance understanding for AEB / NEB / ABSA / CSA.
- Preventive maintenance and task specific procedure development experience.
- Program and maintain Allen Bradley PLC Control Logix and PLC 5.
- Calibrate and maintain CEMS analyzers for emissions compliance. (Brimstone BRM991-EMX)
- Honeywell TDC3000, Triconex and Honeywell FSC maintenance, hardware, logic and version upgrades.
- Maintain and repair Ametek flue gas excess O2 and combustion analyzers.
- SAP work notification entry and component replacement selection support.
- Troubleshoot various process systems and repair as required.
- Assist Engineering with system and equipment reliability improvements through the MOC and HAZOP process.
- Provide E/I shift coverage when required.
- Research reliability improvements related to bad actors within the process and recommend solutions. Generate MOCs and schedule HAZOPs to meet Underwriter compliance for the above changes.
- Proficient with Rotork, AMS, EIM, Bently 3500/System One, CCC, Allen Bradley VFDs / PLCs and Woodward Governor.

- Predictive electrical motor training with PDMA diagnostic equipment.
- Provide component and material lists as well as scheduling for upcoming and previous projects.
- Maintenance task risk analysis.
- I/E maintenance experience in Upgrader 1 and Millennium.
- Provide general process knowledge to Journeyman and Apprentices.
- Involved in the Suncor mentoring program.

Nov 2006 to May 2007 ***Syncrude Canada***
Fort McMurray, Alberta Supervisor Bryan Fodness 780-792-2806

Job Title: Instrumentation Reliability Technician

- Analyze instrumentation system failures. (Root cause failure analysis)
- Advise on corrective actions to improve extraction reliability.
- Advise engineering on system and equipment improvements.
- Coordinate man power schedules.
- Vendor skid built instrumentation and electrical inspections.
- Research reliability improvements regarding component selection.
- Provide technical advice to field staff regarding instrumentation installation and startup.
- Develop procedures for instrumentation calibration.
- Ensure that corporate engineering standards are adhered too.
- Troubleshoot Allen Bradley Device Net systems.

July 4 2006 to Nov 2006 ***Opti Canada***
P.O. Box 6639
Fort McMurray, Alberta Supervisor Ed Williamson 780-334-3381

Job Title: Instrument \ Electrical Technician

- Involved in detailed maintenance safety procedures, policies and practices.
- Maintain Emerson Delta V system, Fieldbus and AMS.
- Provide technical advice to contract personnel.
- Provide product and vendor knowledge to procurement personnel.
- Extensive knowledge of Orcrude, Gasification, Hydrotreater and Utilities knowledge.
- SAP spare parts links and database population.

Mar 2001 to Mar 2006 ***Saskferco (Cargill)***
P.O. Box 39
Belle Plaine, Saskatchewan

Nov 1996 to Aug 1998 **SOG-OGO Supervisor Rob Harkness 306-345-4258**

(IBEW 2038)
(Jacobs)

Job Title: Project \ Instrumentation \ Electrical Technician (IBEW 2038)

- Installation, design and program Honeywell Experion PKS for new Nitric acid plant and load out facility R210.
- Honeywell Experion Graphics training R210.
- Engineer and build control points for Honeywell TDC3000 DCS.
- Maintain and upgrade Honeywell TPS system.
- Engineer systems for surge control, vibration, and speed control for process rotating equipment.
- Maintain Compressor Controls for process compressors. (Surge control)
- Maintain and configure Bently Nevada 3500 and 3300 vibration racks.
- Configure Bently TDIX net / DM2000 and provide rotating equipment diagnostic advice.
- Triconex safety manager system maintenance and upgrading.
- I/E shutdown and daily planning / labor management.
- Project and safety management of a new Nitric acid plant.
- Configure and calibrate smart and analog transmitters.
- Calibrate pH, O2, conductivity, NOX, CH4, Sulfur and silica analyzers.
- Repair and troubleshoot electronic circuit boards, both discrete and integrated components.
- Maintain various plant electrical systems. (Exide UPS and Mitsubishi VFDs.).
- Shut down and start up experience.
- Program and troubleshoot GE Multilin 269/369 and GE MM2 for 600 and 4160 Volt motors.
- Extensive high voltage system experience 4160 and 13.8 KV. HV cloak, hot stick and rackout experience.
- Transformer oil analysis preventative maintenance.
- Calibrate and repair Extrel mass spectrometer.
- Custody transfer Accuload 2 & 3 configuration and programming.

Aug 1998 *Alliance Pipeline Limited*

to Mar 2001 400, 605 - 5th Avenue S.W.

Calgary, Alberta

T2P-3H5

Supervisor Bill Bradley (403) 845-8665

Job title: Project \ Instrumentation \ Electrical Supervisor

Service Description:

- Alliance Pipeline representative to electrical and instrumentation contractors during construction phase. Also ensure that Alliance standards are being adhered too.
- Provide detailed installation and safety guidance to numerous contractors.
- Commissioning Lead for the Canadian portion of the mainline

- compressor stations.
- GE Fanuc and Cimplicity HMI training and experience.
- Startup of ten LM2500 GE turbines, Nuovo Pignone 602 mainline compressors.
- Calibrate and maintain Daniel G.C. and Galvanic total sulfur G.C.
- Configure and calibrate Rosemont 3051 smart transmitters.
- Ensure the safe operation of a station(s) where the process pressures exceed 1740 psig.
- Bently Nevada 3500 and DM2000 machinery diagnostics training.
- Bristol Babcock RTU training.
- Plant Operator of the Alliance Pipeline Estlin Station during operation.

Jan 1994
to Nov 1996

City of Regina (Public Works and Engineering)
P.O. Box 1790
Regina, Saskatchewan
S4P-3C8

Job title: Instrument \ Electrical Technician

Service Description:

- Design programs and burn EPROM's for signalization equipment.
- Repair and maintain fiber optic and twisted pair communications equipment.
- Organize material and manpower for construction and maintenance projects.
- Repair electronic traffic signal equipment at the component level. (Board repair)
- Proficient with the use of electronic test equipment. (Z-meters, Huntron, oscilloscopes)
- PLC programming for automated fuel-dispensing system.
- Calibrate, install and commission volumetric fuel metering
- Provide contingency measures for system failures.

Jun 1988
to Dec 1993

Ontario Hydro (Pickering Nuclear Generating Station)
700 University Avenue **(I.B.E.W. 2038)**
Toronto, Ontario
M5G-1X6 Supervisor **ROLAND PAQUETTE**

Job title: Instrument \ Electrical Technician

Service Description:

- Electrically maintain an eight-unit 650-megawatt nuclear generating station.
- Shutdown unit 2 for a two-year retube and moderator room upgrade

- project.
- Upgraded the heavy water plant from pneumatic to analog transmitters.
- Calibrate Ohmart ionizing level transmitters and various other instruments.
- Design and fabricate equipment and instrumentation racks.

This is a list of companies that I have also provided professional services for during my approximate 15 year tenure with the International Brotherhood of Electrical Workers 2038.

- **Co-op Heavy Oil Upgrader** Shutdown commissioning and expansion
- **Husky Heavy Oil Upgrader** Construction and commissioning
- **Kellogg's (London, Ont)** Maintenance
- **G.M. (Oshawa, Ont)** Retool truck plant and J2000 lines
- **T.C.P.L. (Burstall, Sk)** Construction and commissioning
- **I.P.L. (Bethune & Regina)** Construction and commissioning

Formal Education

Jan 1995 to Nov 1997 ***Palliser Institute SIAST***
Moose Jaw, Saskatchewan
 Successfully completed Industrial Instrumentation program.
 Interprovincial Journeyman.

Aug 1992 to Mar 1993 ***S.A.I.T.***
Calgary, Alberta
 Successfully completed the 5th Class Power Engineering program.

Jun 1981 to 1988 ***S.T.I.***
Moose Jaw, Saskatchewan
 Successfully completed the Electrical Maintenance / Construction program. Interprovincial Journeyman.

Sept 1995/96 to 1999 **Wascana Campus**
Regina, Saskatchewan
 Algebra 30, Geo-trig 30 and Physics30.

Sept 1977 to Jun 1981 **Balfour Collegiate**
Regina, Saskatchewan

Additional Training

- Honeywell TDC 3000 and Experion training.
- Bently Nevada DM 2000 and 3500 training.
- Multilin training 269, 369 and 469.
- Multilin relay training 750.
- CCC surge control training.
- Fisher Fieldview training.
- DOS 6.2 and Windows 3.1, 95 courses.
- Microsoft Office proficient.
- Maximo and Cendec training.
- Siecor fiber optic course.
- Visual Basic proficient. (Version 5)
- Electronics repair courses. (Pace)
- Industrial scientific, Drager, Gastech gas detector calibration courses. (L.E.L. O2, Cl, CO)
- CWB welding course and boom truck A course.

References

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