***Curriculum Vitae***

**Personal Information**

Full name : Taurayi

Date of birth : 17 April 1986

Nationality : Zimbabwean

Languages : English, Shona

**Professional Qualifications**

Ordinary Level: 7 subjects passed including Mathematics, English and Science 2003.

Gweru Polytechnic Gweru Zimbabwe

National Certificate Instrumentation and control 2005-2007

Zisco steel makers Zimbabwe

Industrial Attachments for national certificate from (Jan 2006- December 2006)

HARARE POLYTECHNIC HARARE ZIMBABWE

National diploma instrumentation and control 2009-2010/ SAQA equivalent NFQ6

Sable chemicals industry

Apprentice training in instrumentation and control Technician

**OBJECTIVE**

To develop a career with a dynamic and responsible corporate organization that offers challenges, promotes professional development and advancement. Using acquired skills, training and experience in process/electrical/instrumentation/hold-up preparation/installation, commissioning and maintenance to contribute to the growth of mining/chemical/ Energy Industry through hard work, team work and good work

Instrumentation technician

**October 2020-November 2020**

Job description

-basic knowledge of DCS(distribution control system ABB P14

-maintaintance of equipment rooms dcs for ABB and Siemens to ensure no dust accumulation for safe operation of the system

-Assisting on outage ( safe isolation of instrumentation for other departments to work ,removing instrumentation systems from the boiler and cleaning them and calibration as per required settings and reinstallation

-Assisting boiler trip test after replacing all instrumentation systems for safe commissioning

-Maintaintance of running units for safe operation and production team to meet the required production targets

-maintaintance of soot blower system (cleaning of impulse line and calibration of pressure switches and gauges

-Practising safe working procedures as per Eskom regulations

**Instrumentation technician**

**Anglo American Kumba iron ore plant (kolomela D.MS and D.SO plant)**

**Reason for leaving ..end of contract**

Job description

-Test faulty equipment to diagnose malfunction,using test equipment or software,and applying knowledge of the functional operation of electronic units and systems

-Inspect components of industrial equipment for accurate assembly and installation or for defects, such as a loose connection or frayed wires

-Examine work orders and converse with equipment operators to detect equipment problems and to ascertain whether mechanical or human errors contributed to the problems

-Perform scheduled preventive maintenance tasks,such as checking,cleaning or repairing equipment to detect and prevent problems

-Perform scheduled calibration tasks,such as temperature controller .density meter ,level controllers and pressure transmitter and continuous weighing conveyers to maintain accuracy

-Study blueprints,schematics,manuals or other specifications to determine installation procedures

- Repair or adjust equipment, machines or defective components,replacing worn parts,such as gasket or seals in watertight electrical equipment

-Provide support and maintenance to operations

-Coordinate and implement corrective actions as needed

-work independently and efficiently to carry out assignments

**Instrumentation technician**

***Instrocon services contracted at kendal power station***

 2013 to date 2019

Job description

Calibration of field instruments on outages (flame scanners, flow transmitters, pressure transmitters and level transmitters)

Installation of temperature sensors i.e thermocouples and rtd

Rotek and Siemens valve stroke checking from the equipment room to the field

Calibration of puematic valves

Installation of proximity sensor

Çalibration of dampers at the mills and maintenance

Maintance of corner burners instrumentation of boiler and commissioning of boiler

Commissioning of Mills and maintenance

Vast experience on tube leak detectors and maintenance

Installation of instruments on apron and course ash conveyer and commissioning

Vast experience in interpretating complex electrical and electronics diagram

Vast experience in interpretation of PLC and ABB P13 DCS system

Doing outages and commissioning on Kendal power station

Maintance of fire detection at power station (aritech 1200)

**Instrumentation technician**

 *Botswana Ash. (BOTASH*) April 2012

Shutdown

-Removal of instrumentation system from the plant as per Botash safety regulation

Reason for leaving :End of contract

Instrumentation technician

  *Eskom power station Grooltive power station* June to nov 2012

**Job description**

 Maintenance of overall instrumentation of power plant

Knowledge of time based maintenance and based maintenance of instruments in power plant equipment and utilities like compressors(Atlas copco)

Testing and calibration of transmitters like LT,PT,FT,DPT(ABB,ROSEMOUNT,YOGOGAWA,HONEYWELLY)control valves loadcell and pressure gauges through HART protocoland source calibrators

Maintenance of RTD and thermocouple

Troubleshooting and checking wiring diagram of DCS ,hardware interface and circuit loop diagram

Reason for leaving End of contract

**Instrumentation technician**

*Tonkolili iron ore ltd.( Plant commission)Seira leone.*

**Job description**

Using P&ID diagrams, loop diagrams, instrumentation index, cable schedules and cables to the required positions.

•Termination diagrams, using termination schedule to terminate cable in FJBs, RIOs, LCP calibration of instruments.

•Ensuring that instruments are installed, glanded and terminated correctly.

•Ensuring that all point to point and loop checks are done correctly. Instrumentation location diagrams, to locate instrumentation and installing them and pulling.

Cold commissioning and Hot commissioning of all the field instrumentation

 Experience with both motor and air operated valves from several manufacturers including Fisher,

• Utilize Windows 95/98/2000/XP, MS Office,windows 7 applications, technical writing skills, Power Point, AutoCAD, RSLogix 500, RSLogix 5000, RSLinx, DirectSOFT32, Excel, Loggernet, RCAD, Wonderware, HART protocol, Profibus, Modbus, Pakscan.

carry out POVT (Pre-Operational and Verification and Testing) of all control loops as well as Calibration of the instruments.

Good house-keeping

Reason for leaving : end of contract

**Instrumentation technician**

***sable chemicals***

Operational knowledge of digital and analog equipment’s

Basic kwnoledge profibus ,modibus and Ethernet protocol

Ability to perform required calibrations to equipment

Ability to maintain electrical schematics

Vast experience in pneumatic and control loops systems

Ability to work safely in unfavorable circumstances

Ability to follow complicated written and verbal instructions

Wide knowledge of instrumentation, PLC’s, and single loop controls

 Instrument experience with Flow, Pressure, Level, Temperature, pneumatics, VFD, hydraulics, feedback control, Distributive Control Systems.

Have worked with CO, pH and Conductivity analyzers.

Calibration of pressure ,level ,flow,weight and temperature transmitter

Maintenance of pneumatic controller and valves

**INSTRUMENT TECHNICIAN PROCESS AUTOMATION RUSTERNBURG OCTOBER 2012 –FEB 2013**

 Working on the plant flotation circuit, milling, plant crushing, plant tails and spiral plant

 Maintenance on level measuring Instruments on, closed vessels, tanks by use of level sensors such as VEGA 68, VEGASON, VEGA pulse and Andress + Hauser (both ultrasonic and capacitive).

 Maintenance on flow measuring instruments flow switches, differential flow transmitters, Khrone magnetic flow meter etc.

 Maintenance on pressure measuring instruments pressure switches and transmitters ABB.

 Maintain density meters, radioactive ISOTOPE sources

 Experience on wiring devices associated with Profibus, AS-i and fibre optic.

 Wiring analogue I/O cards, digital I/O cards, counter modules.

 Experience on SIEMENS S7 and PCS7

 Exposure to I FIX SCADA software package

 Experience on weight measuring instruments, process automation scales

 Perform standby and work over time when required.

 Can perform fault finding by use of wiring diagrams (diagram interpretation).

 Can read block, ladder logic and statement list

 Carry out monthly and daily plant schedules.

 Overhauling of valve actuators.

 Calibration of all types of pressure transmitters PID control valves.

 Variable Speed Drives (troubleshooting, repair, installation, configuration and commissioning)

 Initiating plant improvement projects

 Following up on specific plant non-conformance and institute corrective measures

 Providing input and assisting with design specifications to improve plant efficiency

Instrumentation technicinician

Company sappi gondwana paper mill

 Feb 2013 to march 2013

Job description

Calibration of level, pressure ,flow,and weight transmitters

Calibration of current to pneumatic convetors and valve positioners

Calibration of pressure gauges

Maintenance of rtds and thermocouple

Calibration of pressure switches and checking proximity sensors on all control valves

Erectioning and fabrication of equipments as per drawing provided

Make proper planning for complete project within target time and minimum cost

**Email Address**  : taurayi.399977@2freemail.com / taurayi.399977@gulfjobseeker.com

**Mobile Number** : 0504973598

**Reference** : Mr. Anup P Bhatia, HR Consultant, Gulfjobseeker.com

**YouTube Video CV**

<https://www.youtube.com/channel/UCdsv_v9Czkx2Dc8bW4Bt4wA>

**View My CV on Gulfjobseeker.com CV Database**

<http://www.gulfjobseeker.com/employer/cv_database_highlighted_cv_freetocontact.php>

**Chat with me Live on Zoom**

<https://zoom.us/j/4532401292?pwd=SUlYVEdSeEpGaWN6ZndUaGEzK0FjUT09>