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## SHEMAIAH TOMMY MULETA

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**PROFESSIONAL SUMMARY** Dedicated Control Room/ IT Specialist with 14 years of experience in plant commissioning, process operations, and implementation of strategic initiatives to improve overall process plant reliability, performance and outputs. Demonstrated skills in various Distributed Control Systems including Siemens PCS 7 and CYTEC Scada. Performs well under pressure, leveraging sound judgement and analytical thinking to quickly resolve issues.

**SKILLS**

- Process Control
- Microsoft Word, Excel, PowerPoint, Publisher, Outlook
- Distributed Control Systems
- CCTV Operations
- PI Processbook & trends/Pi Vision
- Hootsuite
- Process Optimization
- RtDUET
- SIMATICS PCS 7
- Process IQ
- CYTEC SCADA
- Computer Hardware and Software

**WORK HISTORY**

**CONTROL ROOM OPERATOR/OPTIMIZATION** 06/2015 to 04/2022  
**FQM Trident Ltd**, Kalumbila, Zambia.

- DCS alarm management.
- Examined mill throughput and plant equipment on a regular basis and adjusted monitoring controls to maintain system integrity and peak operations.
- Using Siemens PCS7 to monitor and manage equipment performance.
- Using PI Processbook and PI Coresight for plant trend monitoring and implement appropriate actions to maximize production.
- Used critical thinking to breakdown problems, evaluate solutions and make decisions.
- Inspected plant activities on screens and computers to identify and troubleshoot issues via SCADA.
- Provided various reports to field staff to assist with task prioritization.
- Performed emergency operations to shut down faulty equipment.
- Documented daily activities in internal system and submitted timely shift reports.
- Observed equipment in operation, system activities and control readouts on continuous basis.
- Monitored operations to spot and report on issues for quick resolution.
- Promoted interdepartmental communication with mechanical and instrumentation personnel increasing speedy issue resolution.
- Thoroughly documented all plant activities in hourly logs and detailed concerns and issues prior to distributing reports to operations and maintenance personnel.
- Ensured availability of crushing and milling equipment to maximize tonnage.

**PLANT OPERATOR: COMMISSIONING – CRUSHING AND MILLING** 07/2014 to 06/2015  
**FQM Trident Ltd**, Kalumbila, Zambia.

- Safely executed the Pre-Commissioning, Commissioning & Start-up activities according to the approved procedures.
- Responsible for monitoring gyratory crusher performance to ensure that we produced the required ore size ideal for milling.
- Responsible for monitoring all crushing conveyors to ensure availability and maximized performance.
- Evaluated procedures and results for accuracy and to determine appropriate next steps.

- Retrieved and performed required tests for quality and integrity on milled product samples to achieve 80% of cyclone overflow passing target microns.

**PROCESS PLANT OPERATOR** 04/2008 to 07/2014

**FQM Kansanshi Mine**, Solwezi, Zambia.

- Monitor and maintain the operational integrity of an assigned area and its plant equipment in order to achieve safety, environmental, quality, cost, production and teamwork targets.
- Monitor operations of crushers to ensure quality product size recommended for milling.
- Operated the rock breaker with the aim of reducing rocks too big to pass through the gyratory crusher.
- Monitor and control the pebble and secondary crushers with the aim of reducing pebbles theoretically infinite size to a smaller size (23mm).
- Monitor the performance of the Sag and Ball mill.
- Monitor the performance of the cyclones and carry out hourly screen analysis to ensure a fine cyclone overflow that will allow 80% product to pass 100 microns.
- Operated the Skid steer to transport steel balls needed to daily addition to the mills.
- Monitor and control the flotation circuit so as to achieve the desired grades and recoveries of copper concentrate at the same time ensuring minimum copper losses in the final tails.
- Adjusted reagents (frother and collector) to promote high-quality yield and took appropriate actions to correct undesirable results.
- Collaborated with technical and supervisory personnel to report or resolve conditions affecting safety, efficiency and product quality.

**SAFETY REPRESENTATIVE** 04/2011 to 05/2012

**FQM Kansanshi Mine**, Solwezi, Zambia

- Inspected worksites, practices and gear for compliance with established safety standards.
- Recognized, documented and advised on removal of hazards.
- Inspected and ensured all fire extinguishers, fire hose reels & hydrants were in good condition and available at all times.
- Inspected, maintained and replenished all first aid boxes and canisters on the process plant.

**EDUCATION**

**4 Aviators Pilot training & Charters**, Cape Town, South Africa.  
**Pilot (Trainee)**, PPL, Night Rating, IR, CPL. 08/2022

**Necor Zambia**, Solwezi  
**Certificate**, Networking and Implementation, 01/2012

**Necor Zambia**, Solwezi  
**Certificate**, Networking Technologies – Network Security, 01/2012

**MEL Computer Systems Education**, Kitwe  
**Advanced Certificate**, Electronics and Computer Hardware Technology, 07/2008

**Solwezi Technical High School**, Solwezi  
**High School certificate**, 12/2004

**REFEREES**

Mr. Lenox Siwale, Kansanshi Mine. Email: [siwalelennox@yahoo.com](mailto:siwalelennox@yahoo.com)  
Mr. Moses Mulenga, FQM Trident, Email: [moses\\_mulenga@ymail.com](mailto:moses_mulenga@ymail.com)