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| **POWER DELIVERY ENGINEERING**  **ENGINEER-IN-TRAINING ASSESSMENTS**  **EIT DATASHEET** | | | | |  |
| *Name:* | TEBOHO | | | | C:\Users\lekenotr\Downloads\tebza.png |
| *Unique No.:* | 4675468 | | | |
| *Mentor:* | RISHI HARIRAM | | | |
| *Chief Mentor:* | LEBO MAPHUMULO | | | |
| *Assessment#/Date:* | 10 DECEMBER 2020 | | | |
| *Assessment Period:* | *From* | *To* | | |
| 03/03/2020 | 10/12/2020 | | |
| *Training Areas Covered:* | *Department or OU* | | *No. weeks* | |
| HV Plant | | 12 | |
| Control & Automation | | 12 | |
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| *Highlights:*   * My training started at HV Plant with introduction to HV equipment (their interaction, objective, maintenance, etc.) with more focus to the power transformer. During this phase a factory visit was done to observe how power transformers a constructed and to eye witness its components. I was later taken for a site visit to witness and learn how evidence is gathered and compiled to deduce the root cause of the transformer. I learned DGA methods and used the knowledge to diagnose a gassing power transformer. My last activity on this department was the development of the technical tender evaluation criteria. * At Control & Automation department I was firstly introduced to the SCADA systems for both Tx and Dx, including the equipment used and the communication protocols. The new network architecture for Tx was also introduced. I got an opportunity to contribute to the interlocking tool (in progress) from the beginning, which allowed me to witness the project cycle within Eskom. | | | | | |
| *Challenges experienced:*   * The COVID-19 pandemic has a huge negative impact on the EiT program. Since the 26th of March 2020, I missed the opportunity of practical side of the training such as going to substations to learn and participate on the work done by both the HV Plant department and Control Automation department respectively. * There was also a pause on the training from end of June until September 2020 before joining Control Automation due to loss of communication between the EiTs and the previous chief mentor. * The Eskom EiT program guide shows various departments that EiT students have rotate to within the 2 years of the program. On my behalf and other electrical EiTs we have been to two departments only so far, we did get the chance to witness and learn how other Eskom departments conduct their daily business with regards to the EiT guide. Even though this is challenge, it has granted me the opportunity to have more knowledge on work carried out of the departments I have been to. | | | | | |
| *Comments:* | | | | | |
| *Signature:* | | | | *Date:* | |
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