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| **Period** | **Work Completed** | **Level of Responsibility** | **ECSA outcome** | **Organogram** |
| **03/03/2020 -24/03/2020** | I enrolled on the classes to learn about substation high voltage equipment including their management & maintenance. More attention was given to the power transformer and the following tasks we completed:   1. Research and presentation on power transformer components including the oil. 2. Research and presentation on DGA (Dissolve Gas Analysis) method used to monitor the health of the power transformer 3. Eskom vendor factory visit to witness the stages involved in the construction of power transformer and the protocols followed, and the type of tests applied to the transformer before commissioning. 4. I accompanied my supervisor to site for an investigation of a failed transformer. I learnt how available evidence can be put together to obtain the root cause to failure of the transformer. I also got the chance to witness the HV equipment and how they interact. 5. I took lessons for Insulation Coordination | Being exposed |  | **Lebo Maphumulo**  (Chief Mentor)  **Teboho Lekeno**  (Trainee)  **Sidwell Mtetwa**  (Mentor) |
| **15/05/2020 - 22/05/2020** | I participated in the development of the tender evaluation criteria with both the desktop and physical evaluation to aid in selection of the credible vendor | Performing | 5,11 |
| **22/05/2020 - 29/05/2020** | I performed the detection of faults and diagnosis of the power transformer health using dissolve gases analysis methods and provided comments | Performing | 5,11 |
| **16/09/2020 - 16/09/2020** | I was introduced to Control Automation. SCADA network architectures used at Eskom and communication protocols used as well as equipment used. | Being exposed |  | **Teboho Lekeno**  (Trainee)  **Rishi Hariram**  (Mentor)  **Tjaart Visser**  (Coach)  **Lebo Maphumulo**  (Chief Mentor) |
| **21/09/2020 -24/11/2020** | I participated in the development of the interlocking tool. The task that I was assigned to do include:   1. To be part of the workshop for demonstration of existing interlocking tool 2. Development of generic interlocking rules 3. Development of interlocking tool process flow 4. Provide peer review on the User Requirement Specification for Interlocking tool. | Being exposed, Assisting | 2, 5,11 |