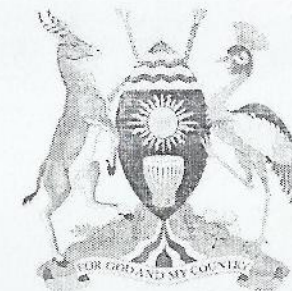




HIGHER EDUCATION SCIENCE AND TECHNOLOGY



Internship Logbook

Student Name: OKELLO BRIAN

Month: JULY

Target	Achievements	Challenges	Lessons Learnt
Making metallic benches	Fully furnished benches were that were later sold to Budo parents junior school. Seemingly increased interest from customers	Extra technique was required in bending the sheets of metal to form a bench surface Power blackouts delayed cutting of metal sheets since the cutting machine requires three phase and couldn't be sustained by the generator. Bending especially for thr sheets that had misalignment in markings.	Extra foldings on the bench length provide more support and strength reducing the need for extra stands. Metal plates can be worked' on to form nice looking furniture(furniture).
Making stabilizer boxes"enclosure"	Enough boxes were made for jacketing the stabilizer components as well as stepdowns. It was also just enough for those that needed repair n required a nice finished outlook.	Alignment of louvres for ventilation on the frame of the stabilizer boxes. Riveting joints without causing sratch to the coated metal surfaces.	Keen detail and extra precaution is needed when punching the louvres for the boxes.
Making Transformers, Assembling stabilizers	Faulty transformers were fully repaired ready for use again. Enough transformers were made for the stabilizers and step downs that were high on demand.	Poorly fixed transformer cores couldnt be noticed till later stages which made it tiresome and costly to redo. New plugs has to be crs checked to avoid inconsistency on labeled fuse rating to that of the actual fuse within.	Cover the transformer winding carefully with paper tape to avoid shorting when connected cause it can cause damage(burning it down). Park the iron core pieces firmly tight to avoid noise when running the stabilizer or stepdown. Transformer formers can be made using PVC tubes.

Making stepdowns	Enough stepdowns were made to meet customer demand.	Demand was high and required working extra time to finish them in time. Some needed corrections on the cover and need re cutting and painting.	Major difference between the stepdowns and stabilizers is down to the circuit boards connected to the stabilizers. Stepdowns are used step voltage to suit the rating of tge equipment to be used.

Supervisors Comment:.....

Hardworking, committed and promising

Sas

