



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



Student Name: Mukulu kisa ronald

Month: One (June-2017)

Week	Target	Achievements	Challenges	Lessons Learnt
Week -1	<p>-To conduct preventive maintenance checks on the vacuum supply lines of the labeler.</p> <p>-To conduct maintenance on the vacuum bars.</p>	<p>-Cleaned the vacuum bars of the vacuum cylinder with aid of a lint free cloth, solution, degreaser, shim and compressed air.</p> <p>-Replaced the worn out and damaged vacuum bars.</p>	Accumulated glue residue in the vacuum lines that made it complex to unblock the vacuum lines.	Acknowledged the standard procedure for maintaining the vacuum bars and lines.
Week-2	- To carry out a weekly preventive maintenance for the contiform oven.	<p>- Checked for dirt, damage and proper operation of the safety devices i.e. Safety valves and signal beacon post.</p> <p>-Conducted a pressure vessel and pipe system inspection.</p> <p>-Checked the function, condition and pressure resistance of the pressure vessels.</p> <p>-Cleaned the reflector and replaced the P.E sensor at the oven safety door.</p>	- Untagged over ridden and dysfunctional contiform oven safety devices which were safety hazards.	<p>--Acquainted with the operation of the contiform oven.</p> <p>-Acknowledged the operational principles of the photo emission and electro-magnetic safety devices.</p>
Week-3	To conduct weekly preventive maintenance checks on the variopac.	<p>-Cleaned the air filter on the vacuum frame by means of blasting with compressed air following the procedure below;</p> <ul style="list-style-type: none"> ▪ Turn OFF the compressed air at the air service unit. ▪ Unscrew the transparent 	Stuck transparent glass in the filter assembly and the damaged filter insert.	Acknowledged the maintenance procedure of the variopac main machine.

		<p>glass and remove the air filter by pulling it down.</p> <ul style="list-style-type: none"> ▪ Then clean the filter with compressed air. ▪ Fit back the air filter and screw the glass back on. ▪ Finally turn ON the compressed air. <p>-Checked for damage and functionality of the P.E sensors.</p>		
Week-4	<p>- To lubricate the central labeling station terminal.</p> <p>-To inspect the bottle seat condition and operation.</p> <p>-To inspect the operation of the rotary joints.</p>	<p>- Lubricated the central lubrication terminal with the red fitting signals using a grease gun to approximately 1.5cm³ (Keeping the machine in operation).</p> <p>-Replaced the exhausted KRONES lubrication cartridge with a new lube can.</p> <p>-Wiped out all the old grease that oozed out during lubrication and left the machine as clean.</p>	- Blocked grease fittings, calling for more operational hours.	Acknowledged the effective lubrication procedures.

Supervisors Comment:

Mukulu Kisa Ronald an eager learner and highly versatile with work, the sky is the limit.

Signature:



Lukooya Ishmeal