



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



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IP17KYU/58/J6

KYAMBOGO UNIVERSITY

Month: **1st MONTH**

Target	Achievements	Challenges	Lessons Learnt
WEEK 1 1. Site visit and reconnaissance survey. 2. Identification and location of temporary facilities. 3. Erection and plumbing of column formwork. 4. Casting, curing and removal of column formwork.	1. I successfully located the site and had a moment of chat with some of the workers. 2. Temporary facilities like cement store, toilets were clearly located 3. Plumbing was done using a string tied on a piece of block which was successfully done. 4. Reinforcement was successfully fixed and column casted with concrete.	1. Language barrier which affected communication with some workers. 2. Some temporary facilities like residence and main staff offices are missing which made it hard to meet contractor as he could not visit the site on daily basis. 3. Casting work was delayed due to late coming of some workers. 4. Plumbing work was delayed due to delay of the engineer to clarify checks for accuracy.	1. 400x400 steel column formwork was used for standardized work 2. Timber formwork was used for both 400x400 and 300x300 columns 3. Communication was very effective in the progress of work 4. Green column concrete was well compacted to ensure settlement at an early stage 5. I learnt how to erect and plumb column formwork and fixing reinforcement.

<p>WEEK 2</p> <ol style="list-style-type: none"> 1. Erecting formwork for slab 2. Bending and fixing of slab reinforcement 3. Laying conduits and water pipes in slab before casting 4. Casting and curing slab 	<ol style="list-style-type: none"> 1. Beam formwork was successfully laid. 2. Steel reinforcement was readily available and provided on time. 3. Spacers were successfully provided below the reinforcement. 4. Bending and fixing beam reinforcement done well. 	<ol style="list-style-type: none"> 1. 3rd floor slab construction was cancelled on the plan and therefore only ring beam formwork was put in place. 2. Beam Formwork erection was delayed by lack of enough man power. 3. Injury due to nailing formwork occurred severely to some students. 4. Lack of first aid facility to workers putting their lives at risk. 	<ol style="list-style-type: none"> 1. Spacers were provided to cater for the concrete cover below beam reinforcement. 2. Binding using binding wire should be thoroughly done to achieve required bond. 3. Being flexible when plan on drawing cannot be transferred accurately to the real structure. 4. Beam formwork should be well supported by poles and struts.
<p>WEEK 3</p> <ol style="list-style-type: none"> 1. Removal of slab and beam formwork 2. Kicker installation for future column 3. Connecting steel reinforcement with kickers for future columns 4. Continuous curing of beam and slab 	<ol style="list-style-type: none"> 1. 2nd floor slab and beam formwork was successfully uninstalled in the course of the week. 2. Kickers for future columns to 3rd floor slab well installed. 3. Curing was also continuously done for about 2 weeks on daily basis. 4. Steel reinforcements were also well installed in their respective fields of work 	<ol style="list-style-type: none"> 1. Removal of 2nd floor slab and beam formwork was so tedious as few workers were involved in the activity. 2. Severe injuries also occurred to some workers due to lack of protective hand and head helmet during formwork removal. 3. Disputes amongst workers which resulted into fights causing injuries slowing down work progress. 4. Poor nails as a result of old age slowed down work as they bent during nailing. 	<ol style="list-style-type: none"> 1. Lap joint connecting kicker and future column should be well provided to provide firm continuation. 2. Formwork should always be well supported by poles and struts to ensure accuracy in plumbing. 3. Curing should at least be done twice in a day to ensure proper acquisition of strength. 4. Several relevant questions should be asked by the learner during work hours to be able to acquire enough knowledge about the activity being done.

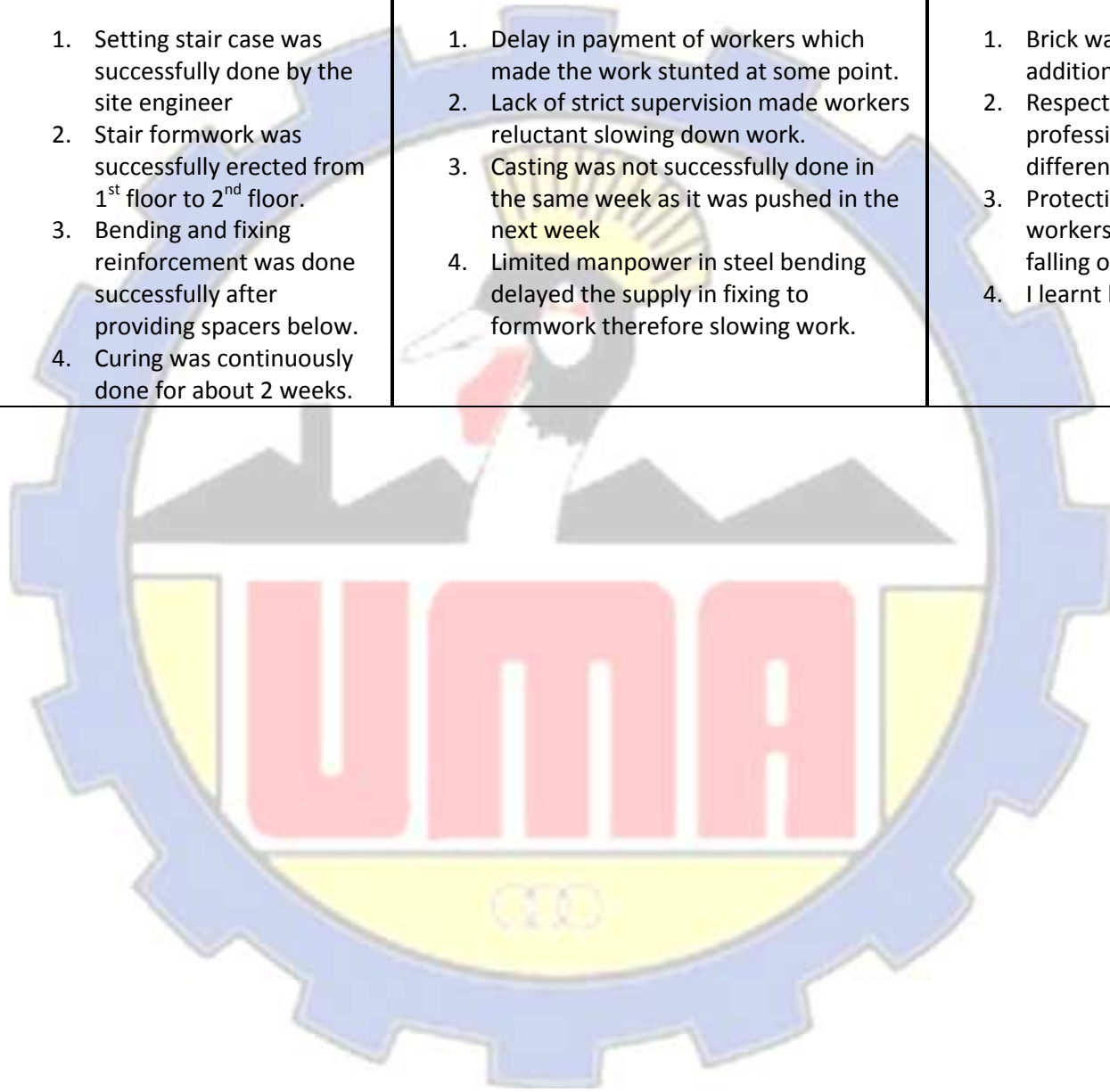
WEEK 4

1. Setting and erection of stair formwork
2. Bending and fixing steel reinforcement
3. Casting the reinforced concrete stair
4. Curing of the stair

1. Setting stair case was successfully done by the site engineer
2. Stair formwork was successfully erected from 1st floor to 2nd floor.
3. Bending and fixing reinforcement was done successfully after providing spacers below.
4. Curing was continuously done for about 2 weeks.

1. Delay in payment of workers which made the work stunted at some point.
2. Lack of strict supervision made workers reluctant slowing down work.
3. Casting was not successfully done in the same week as it was pushed in the next week
4. Limited manpower in steel bending delayed the supply in fixing to formwork therefore slowing work.

1. Brick wall was provided to avail additional support to the staircase.
2. Respect should be given to every professional since they are needed in different field at the same site.
3. Protective gears should be availed to workers to prevent them from sharp falling objects and cuts.
4. I learnt how to set for staircase



Supervisors Comment:

He is disciplined at work and willing to learn

Signature:

