

SEPTEMBER REPORT



SEPTEMBER IN-HOUSE EXCAVATOR OPERATIONS TRAINING OF TRAINERS REPORT – 03 30/09/23



1. INTRODUCTION

The in-house excavator operations Training of Trainers (TOT) is in line with project activity 2.4, which is aimed at equipping five (5) KVTC technical trainers with the practical experience in operating an excavator. This preparation aims to enhance their hands-on skills and readiness to effectively train beneficiaries once the training begins. The in-house excavator TOT is conducted at KVTC and overseen by two experienced excavator operators, referred to as master trainers.

The TOT program consists of a series of practical exercises that each trainer is expected to complete. This training is ongoing from July 15th to December 31st, 2023. The training objectives encompass:

- Control familiarization,
- Excavator positioning,
- Coordination of the movements of the boom arm and bucket,
- Climbing / descending,
- Trenching and loading on-to dump truck, using the method described above.
- Ramp building.
- Trench crossing.
- Climbing on the higher-high platform & Descending.

Each trainer is engaged in practical exercises for 20 minutes daily, resulting in approximately 400 minutes of training per trainer each month.

2. SEPTEMBER IN-HOUSE TOT

The September session of the in-house TOT program took place from September 1st to September, 30th 2023. The focus of this session was to conduct practical training on the following exercises:

- Climbing and descending on the higher high
- Scooping and recycling
- Ground levelling
- Trench crossing

Certain exercises, like climbing and descending as well as recycling, have continued from the previous month of August. This extension is attributed to the trainers requiring additional time to comprehend the operations of these exercises.

3. FACILITATORS

The In-house training was conducted by the following;

S #	NAME	Title
1	Ms. Emily Mumba	HEO Master Trainer
2	Mr. Hasford Silwamba	HEO Master Trainer

4. PARTICIPATION

Participants of the In-house training was as follows;

S #	NAME	TITLE	# of Minutes Trained
1	Mr. Oswald Kabwela	Trainer	400 mins
2	Mr. Bernard Simumba	Trainer	400 mins
3	Mr. Harry. S. Sianziba	Trainer	400 mins
4	Mr. Freddie Mulenga	Trainer	400 mins
5	Mr. Henry Tasila Sakala	Trainer	400 mins

5. TRAINING PROCEEDINGS

In the month of September, our internal training program was focused on Scooping, recycling ground-levelling, Climbing and Descending on higher-high platform, and trench-crossing exercises. The September training session was a continuation of the practical exercises initiated in August, ensuring an ongoing skill development.

- ✚ **Scooping and recycling:** This exercise focused on loading the bucket in full and smoothly dumping the scooped material backwards to create a platform for the machine to move safely on top. It also covered the process of transferring heaped material from one place to another, known as recycling. Additionally, the exercise focused on the articulation of joysticks to combine three implements, enhancing precision skills in machine operations.
- ✚ **Ground levelling:** This exercise focused on using the bucket, & arm, mostly on how to level the ground as way of cleaning the working area. This aimed to provide learners with more knowledge for completing their tasks.
- ✚ **Climbing & Descending:** This exercise focused on the techniques for safely climbing & descending on higher platforms. This task highly required for learners to make sure they understand the importance of this objective, such as climbing a mountain to reach the top without sliding backwards, and also lowering the boom high appropriately. On

the descending side of it the learner needs to know how to position the arm & bucket in a manner to prevent the machine from sliding too quickly on the slope.

- ✚ **Trench-crossing:** This exercise was focused on how to cross a trench safely by balancing track-chains by jacking it, by 2 or 3 inch high using both boom, arm, & bucket in a special methodically.

6. MATERIALS ACQUIRED

- ✚ Radio message (1 set)
- ✚ Fire extinguisher (9.4 KG)
- ✚ First Aid Kit
- ✚ Hand pump
- ✚ Grease (15 liters)
- ✚ Degreaser (25 liters)
- ✚ Tools Box (lite duty)
- ✚ Soft Brooms
- ✚ Paint Brushes
- ✚ Barricading Tapes

7. CHALLENGES

- Inability to consistently follow the training schedule due to a variety of factors, including national responsibilities, personal commitments, and illness.
- Absence of a dump truck for hands-on practice in loading.

8. RECOMMENDATIONS

- To mitigate the challenge of inconsistency in following the training schedule, training sessions missed are rescheduled for later dates to ensure the completion of the designated machine hours.
- Procurement of all requisite training materials should be prioritized for the upcoming October 2023 in-house TOT.

9. CONCLUSION

The in-house training program was completed for the month of September. Trainers have maintained a positive attitude and are eager to ensure that they acquire all the necessary practical skills in order to eventually impart them in the beneficiaries (students). The training is paving way for skill enhancement in the trainers.

10. PHOTO FOCUS



Trench Crossing Exercise



Scooping and loading