



KITWE VOCCATIONAL TRAINING CENTRE (KVTC)

OCTOBER IN-HOUSE EXCAVATOR OPERATIONS TRAINING OF TRAINERS REPORT 31/10/23



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INTRODUCTION

The main purpose of the in-house excavator operations Training of Trainers (TOT) is to equip five (5) KVTC trainers with practical experience in operating the excavator. This preparation aims to enhance their hands-on skills and readiness to effectively train beneficiaries once their 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,
- Ramp building,
- Trench crossing,
- Climbing on the higher-high platform & Descending,
- Traveling using pedals with an idler component in front always & smooth tuning.

OCTOBER IN-HOUSE TOT

The October session of the in-house TOT program took place from October 2nd to October 31st 2023. The focus of this session was to exercise, specifically, on unachieved objectives on the following exercises:

- **Trench crossing**
- **Loading**
- **Traveling**
- **Climbing and descending, on the higher high platform**

FACILITATORS

The In-house training was conducted by the following;

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

PARTICIPATION

Participants of the In-house training was as follows;

S #	NAME	TITLE	No. of Minutes Trained
1	Mr. Oswald Kabwela	Trainer	400
2	Mr. Bernard Simumba	Trainer	400
3	Mr. Harry. S. Sianziba	Trainer	400
4	Mr. Freddie Mulenga	Trainer	400
5	Mr. Henry Tasila Sakala	Trainer	400

TRAINING PROCEEDINGS

In October, the in-house training program seamlessly continued the exercises initiated in September. The training regimen encompassed the following activities:

1. Trench Crossing: This session aimed to enhance trainees' precision skills in safe trench crossing. Participants revisited the September operation, which focused on safely crossing a trench by skillfully balancing track-chains through jacking, lifting the machine by 2 or 3 inches using the boom, arm, and bucket in a methodical manner.
2. Loading: Trainers had the opportunity to practice loading procedures in an actual tipper truck during this exercise which was made available.
3. Traveling: trainers were instructed on the safe distance an excavator can cover, approximately less than a kilometer, without relying on transportation by a low-bed vehicle.
4. Climbing & Descending: This exercise continued from the September sessions and covered techniques for creating a platform. It focused on the safe ascent and descent from elevated platforms. Special attention was given to positioning the arm and bucket to prevent the machine from sliding too quickly down slopes, utilizing a braking method.

The October in-house training program positions the trainers to transition from technical trainers to operator trainers, enabling them to effectively train incoming excavator operator students when beneficiary training begins.

MATERIALS USED

- ✦ 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

CHALLENGES

- Inability to consistently follow the training schedule due to a variety of factors, including national responsibilities, personal commitments, and illness.

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.

CONCLUSION

Overall, the in-house training program was completed for the month of October and accorded the trainers with the opportunity to acquire essential hands-on skills that will boost their confidence in effectively transferring skills to excavator students once the training course is officially launched. This training effort significantly contributes to the overall growth and advancement of KVTC.

PHOTO FOCUS



Loading operation in a tipper truck



Descending from a higher platform



Demolishing a ant hill in preparation for loading



Trench crossing exercises