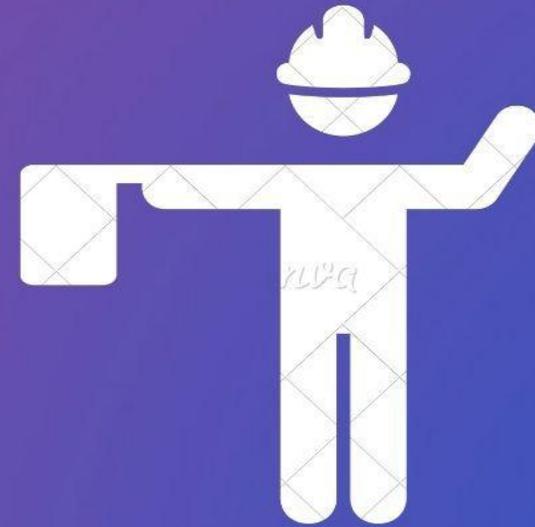


FLAGMAN

Training

Munir Ahmad



FLAGMAN



INTRODUCTION

Every year there are accidents involving vehicles used in the workplace, some of them with fatalities. Victims are rammed, run over or crushed against fixed parts by vehicles (heavy trucks, forklifts or tractors), installations or trailers.

This training will provide a refresher for experience and information for new flag man/banks man on their primary and secondary responsibilities.



TRAINING OBJECTIVES

Upon completion of this training you will have a better understanding of:

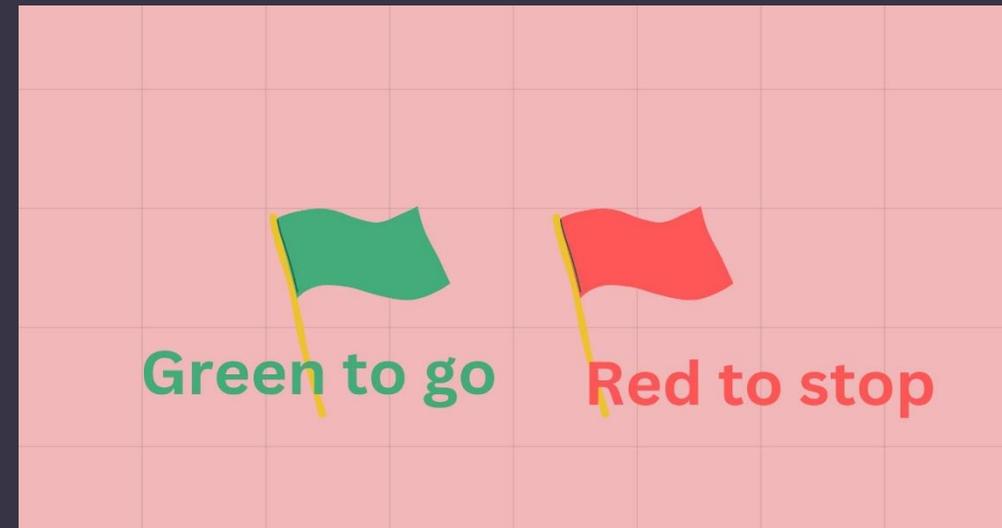
What makes a good banks man/flagman

General requirements

Task and responsibilities of banks man/flagman

Duties of banks man

Using hand and flag signals



COMMON TRAFFIC ACCIDENT TYPES

- ✓ Vehicles colliding with each other
- ✓ Vehicles colliding with structures
- ✓ Vehicles hitting to pedestrians



These accidents result in many fatalities every year. Nearly a quarter of all deaths involve vehicles reversing

Most of these accidents happens due to preventable reason and can be easily prevented with some safety precautions

WHAT MAKES A GOOD BANKS MAN

A banks man/flagman will be responsible for the safety of vehicles, vehicles drivers, him and pedestrians.

Qualities Required:

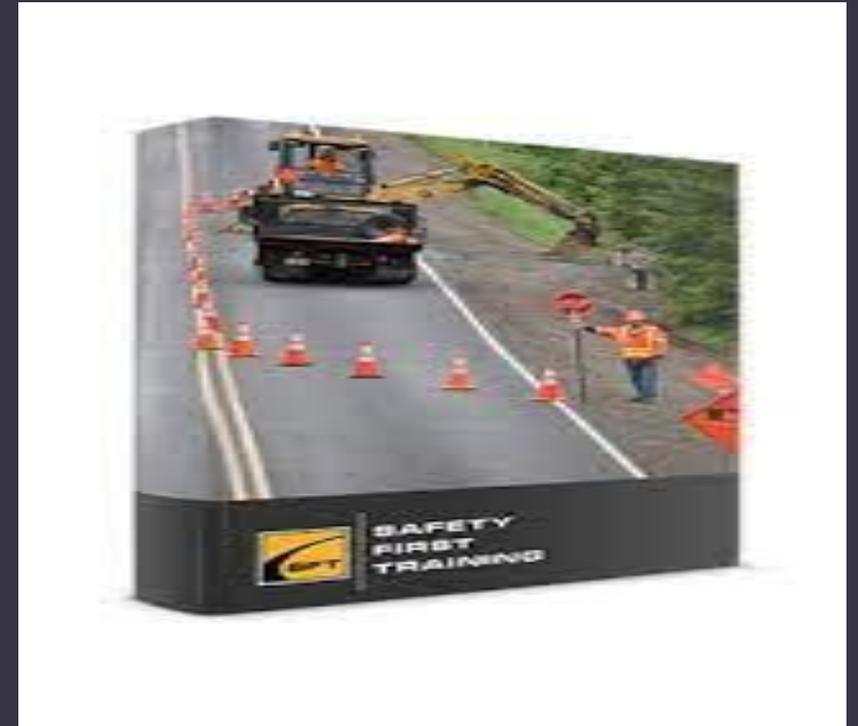
- ✓ Common sense
- ✓ Good communication skills
- ✓ Excellent observation skills therefore good eyesight
- ✓ Hand/eye co-ordination
- ✓ Reasonably fit
- ✓ Possess good distance judgment skills



GENERAL REQUIRMENTS

A banks man/flagman will be assigned to control the safe movement of heavy equipment's specially when traveling on narrow or congested areas, excavations, reversing etc.

Controlling Vehicle/Equipment on Site



VEHICLES THAT REQUIRES BANKS MAN/FLAGMAN



Excavator



Back Hoe



Breaker



Crane



Forklift



Drum truck



Boom truck

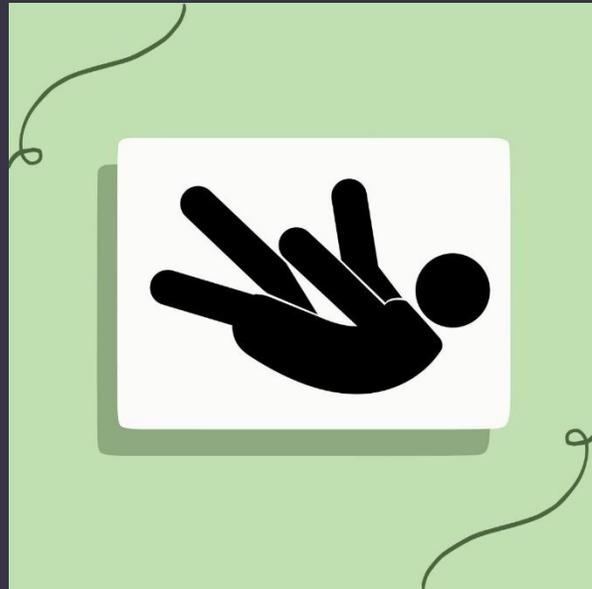


Loader

Risk to the flagman

Risk

- Slips and Trips
- Falls
- Crushing
- Confusion



Workplace condition

- Pedestrians/ Walkways
- Man Hole entry
- Other Traffic
- Collision
- Poor Lighting
- Ground Conditions
- Weather Conditions

Operators and flagman

- ❖ Discuss and agree with the driver the planned maneuver
- ❖ Explain about pedestrian route and other dangers
- ❖ What are you going to do if there is a new driver having less idea about the location- how are you going to communicate?
- ❖ Show the driver the hand signals you will be using
- ❖ If needed- walk the driver over the route
- ❖ Ensure the driver warning lights are on at all times



Flagman and operator

Operators of Heavy machinery needs to concentrate on controlling machine and therefore require help to observe the instructions of flagman and flagman guide them around safely and also prevent others from coming dangerously close to the work being carried out



Responsibilities of flagman



Flagman responsibilities

A properly trained person can keep both the reversing area free of pedestrians as well as guiding driver through safe maneuvers.

Banks man/ Flagman are to ensure that clear and precise commands are given for example; the operator of the lifting equipment , either in carrying out the lifting operation or when the equipment is being moved



SECURING THE ROUTE

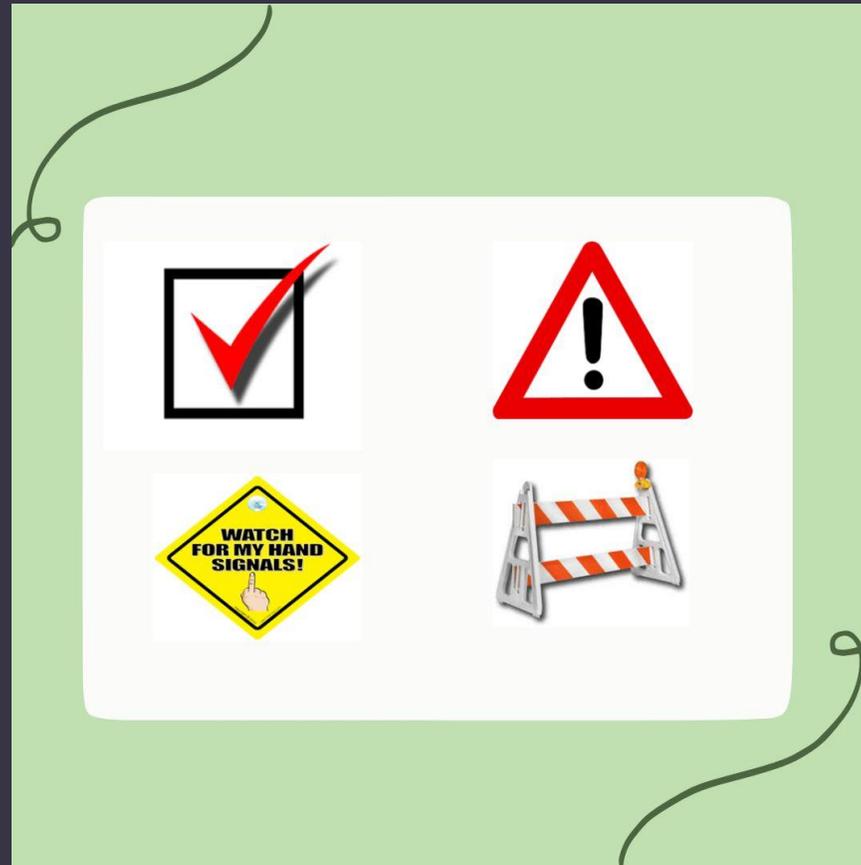
This may include:

- Clearing pedestrian and vehicles from the area
- If required, established a “NO GO zone” around the operating route- cone off the zone



BEFORE WORK START

- ❖ Must Attend Daily TBT
- ❖ Assist Daily Checks.
- ❖ Identify Hazards
- ❖ Barricade
- ❖ Establish Hand Signals



Vehicle movement without barricade and flagman

Observation



PRECAUTIONS

As a Banks man, stand where you can see the load and can be seen by the operator.



PRECAUTIONS

NEVER

Stand or pass in front of a moving vehicle or machinery or let anyone else do so at anytime



Attention

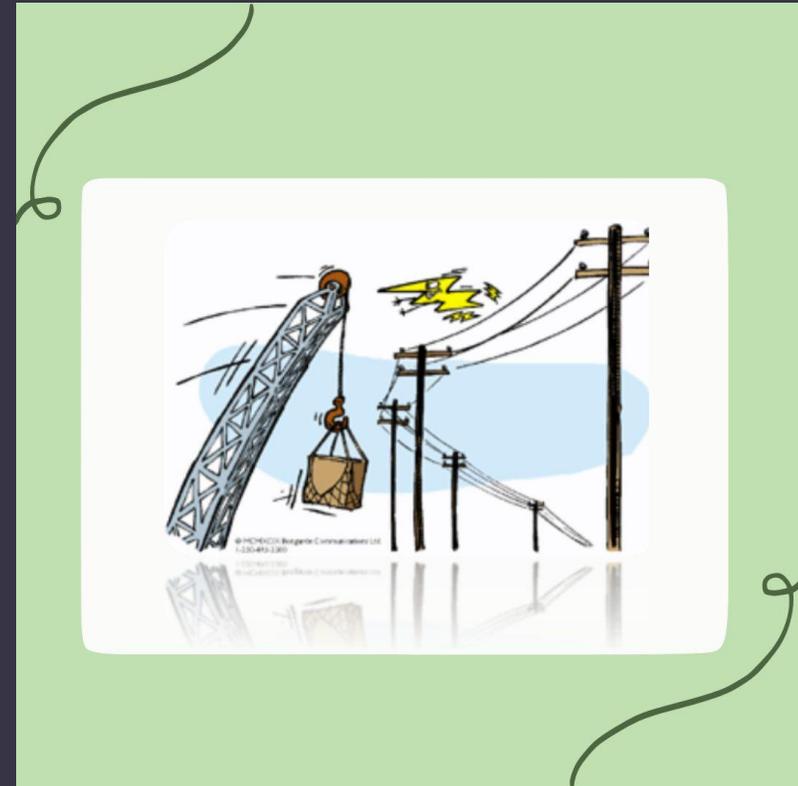
**NEVER OPERATE EQUIPMENT IF
YOU ARE NOT AUTHORISED !!!**



DUTIES OF BANKS MAN

Banks man should assist the machine operator to carry out his daily checks i.e. lights, backup alarm etc.

Carry out the check of the area of intended operations for any hazard or obstructions that are liable to present themselves i.e. overhead cables, close proximity to excavations



DUTIES OF BANKS MAN

He will ensure that where necessary barrier and warning tapes are placed around his area of operations

While his machine is operational, banks man shall remain in visual contact with the operator at all time

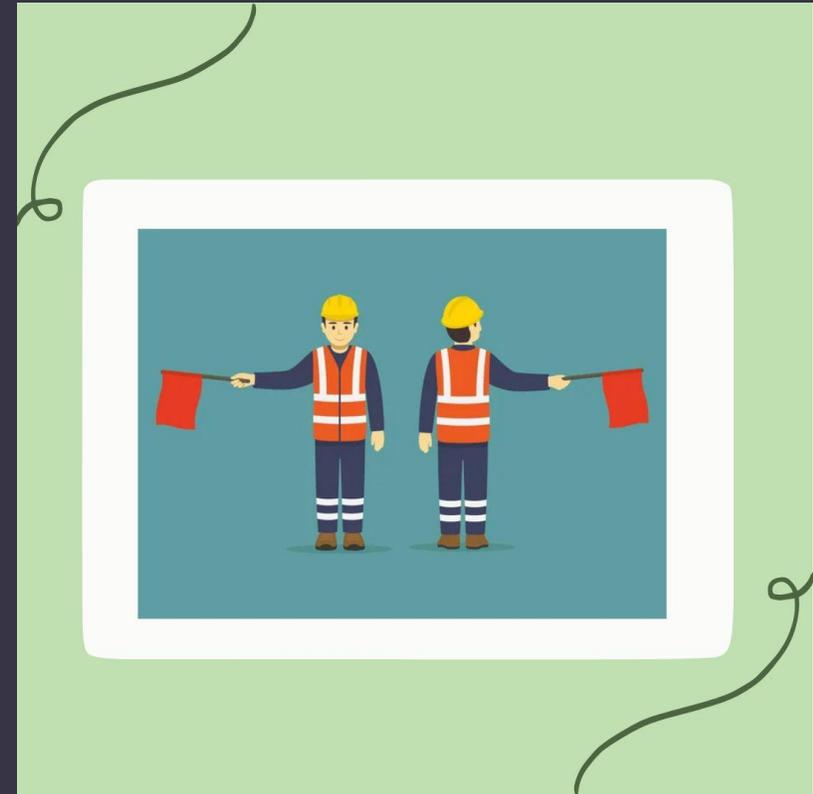


DUTIES OF BANKS MAN

If for any reason the banks man attention is taken off the area of work i.e. to receive instruction from the foreman, he must stop the operator until he can give the operation his full attention.

When a danger situation occur, stop the machine by showing the red flag

Banks man need to take control where there is interaction with other vehicles or ground workers



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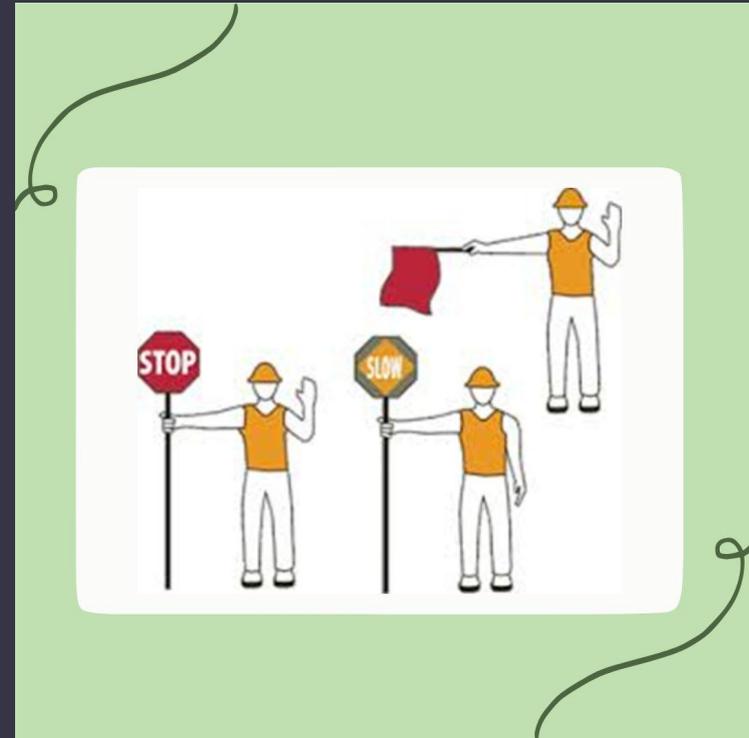
Banks man need to take control where there is interaction with other vehicles or ground workers



DUTIES OF BANKS MAN

Always be aware and attentive regarding the color of the flag you are raising . Don't raise wrong color flag. It will mislead the operator/driver

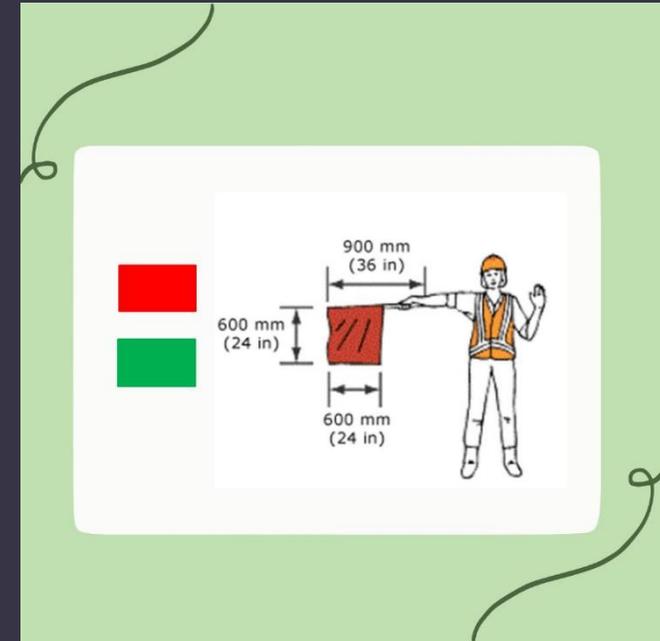
Make sure that barricades and warning signs are present to warn and check the movement of workers



FLAGS AND HAND SIGNALS

Signaling by flagman shall be done by use of :

- Red and Green Flags
- Flags must be highly visible from large distances
- Flags shall be of type that can be visible in night



FLAGMAN PPE

Items required for flagman/banks man are:

- 1) Personal Protective Equipment's
- 2) Red and Green Flags
- 3) Whistle
- 4) Fluorescent Jacket
- 5) Ear Protection
- 6) Mask (near Dusty Operations)



BANKS MAN SAFE DISTANCE

- Vehicle must be parked in position
- Banks man find a safe location (minimum 5 meters away) where the truck and driver can be monitored
- Banks man must be able to see the driver and driver must be able to see the banks man and his flag



For health and safety-related topics, visit: [Safety Zone](#)
For daily toolbox, visit: [Mass Toolbox](#)



THANK YOU !!!