

## **Pedestrian Safety Underground Guideline**

### **1. Purpose**

The purpose of this document is to establish safe practices for pedestrians entering, travelling through, and working underground.

### **2. Scope**

This procedure applies to all Kidd employees, contractors and visitors entering, traveling through, and working in underground operations.

### **3. Personal Protective Equipment (PPE)**

Appropriate PPE for underground workforce as per Personal Protective Equipment Program (KMN-15-HS-PRG-00001) is always the minimum general requirement for all workers. Workers must ensure that their PPE is in good working order.

### **4. Definitions**

**3.1 Positive Communication:** Active communication including clear feedback between both mobile equipment operators and/or pedestrians. The sender must clearly identify themselves along with their intentions and wait for a response and approval from the receiver before proceeding with their intended actions.

### **5. Roles and Responsibilities**

#### **1. Supervisors:**

- i. Employees under his/her responsibility are sufficiently trained to operate, maintain and/or perform work on or near equipment, which includes identifying traffic hazards.
- ii. Supervisors will assist in investigating all work-related accidents, incidents, or potentially hazardous occurrences.
- iii. They will ensure that employees under his/her responsibility are following procedures in place.

#### **2. Personnel:**

- i. They will not enter operational areas without operator confirmation.
- ii. They will report to the employer, all work-related accidents, incidents, or other potential hazardous occurrences (close calls).
- iii. They will act in accordance with this procedure when working around mobile equipment.

### **6. Hazards**

Pedestrians in mobile equipment operating zones are at risk of unwanted interactions with mobile equipment and other energy sources. Failure to adequately follow the controls listed in this guideline could lead to a serious injury including the potential for fatality.

Printed copies are not controlled.

Version	Document Number	Page
4	KMN-08-MG-GDL-01003	1 of 4

### 7. Guideline

Underground, pedestrians must:

- Keep cap lamps turned **on** in areas where mobile equipment can be operating.
- Seek and obtain clear approval before entering mobile equipment operating zones using positive communications (e.g., verbal, written or cap lamp as per Section 12).
- Watch for slipping and tripping hazards. Conditions can change quickly in an underground environment (e.g., pooling water, mud, dust, etc.).
- Use designated pedestrian walkways where available.
- Pedestrians should use their panic button on the cap lamp in an emergency.

### 8. Workplace Awareness

- Pedestrians must obey barricades, warning, and caution lights, and/or signs. Underground barricades will be established and communicated in accordance with KOP-SAF-STD-00002 Barricades Standard.
- Blind spots are areas around equipment that the operator cannot see. Many units have large blind spots. Pedestrians must remain aware of their surroundings and equipment blind spots. It must never be assumed that an operator can see a pedestrian. See KOP-SAF-PRG-00014 Traffic Hazard Management Plan for examples of mobile equipment blind spots.
- Vehicle operator must sound the horn to indicate that a stationary running vehicle is about to move.
  - Two blasts: moving forward.
  - Three blasts: moving backwards.
  - One long blast: coming around a blind corner.

### 9. Pedestrian Right of Way

When approaching mobile equipment, pedestrians always have the right of way. Although pedestrians have the right of way, it is the pedestrian's responsibility to ensure they are visible to the operator and yield to mobile equipment as necessary.

### 10. Entering Mobile Equipment Hazard Zones

1. To enter a mobile equipment hazard zone, a pedestrian must wait at the barricade and flash their cap lamp. They are not to enter the barricade area.
2. Once the operator sees the pedestrian, they will stop, turn off their equipment and use cap lamp signals (Section 12) to indicate whether it is safe to approach.

Printed copies are not controlled.

Version	Document Number	Page
4	KMN-08-MG-GDL-01003	2 of 4

## Pedestrian Safety Underground Guideline

3. The pedestrian will then approach the operator and have a verbal conversation to confirm their identity and intentions. The operator will verbally confirm whether the pedestrian is allowed to proceed with their intended work.

### 11. Passing Mobile Equipment

1. Pedestrians must stop and signal the equipment operator using positive communication strategies as per Section 12. Only when the operator stops to give the pedestrian right-of-way may the pedestrian proceed to pass the equipment.
2. When passing mobile equipment, pedestrians must walk on the left side of the drift.
3. If necessary for a vehicle to pass a pedestrian, the equipment operator and pedestrian must agree through positive communication strategies as per Section 11. The pedestrian must retreat to an area of safety (e.g., crosscut, safety station, side of drift where there is over 2m of clearance and good visibility). The equipment operator will not move until the pedestrian reaches the area of safety.
  - This may occur when a vehicle and pedestrian are travelling in the same direction, so the vehicle must pass the pedestrian; or when a series of vehicles are all travelling in the opposite direction of the pedestrian.

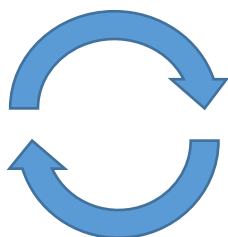
### 12. Positive Communication Strategies

Positive communication must have an initial contact, and a response. The sender and receiver must clearly identify themselves. Positive communications can be a combination of the following:

- Verbal communication – Face to face or through radio
- Written communication – Through Microsoft Teams
- Cap Lamp Signals - which include:



A horizontal, side to side sweeping motion indicates **“Stop and do not Move”**



A circular sweeping motion indicates **“Safe to Approach”**

Printed copies are not controlled.

Version	Document Number	Page
4	KMN-08-MG-GDL-01003	3 of 4



## Pedestrian Safety Underground Guideline

### 13. Related Documents

KMN-15-HS-PRG-00001 Personal Protective Equipment Program

KOP-SAF-PRG-00014 Traffic Hazard Management Plan

### 14. Reference Documents

KMN-08-MV-PRO-01026 Underground Equipment Operation Procedure

Printed copies are not controlled.

Version	Document Number	Page
4	KMN-08-MG-GDL-01003	4 of 4