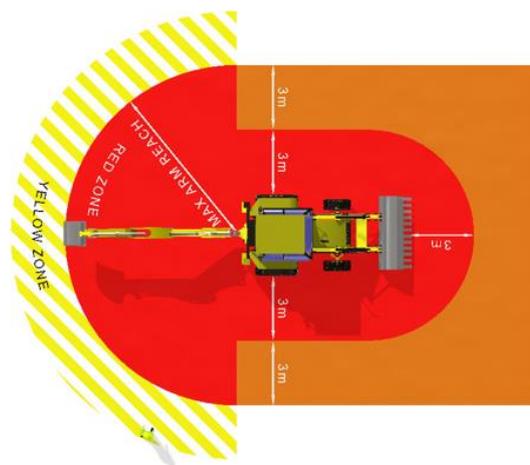
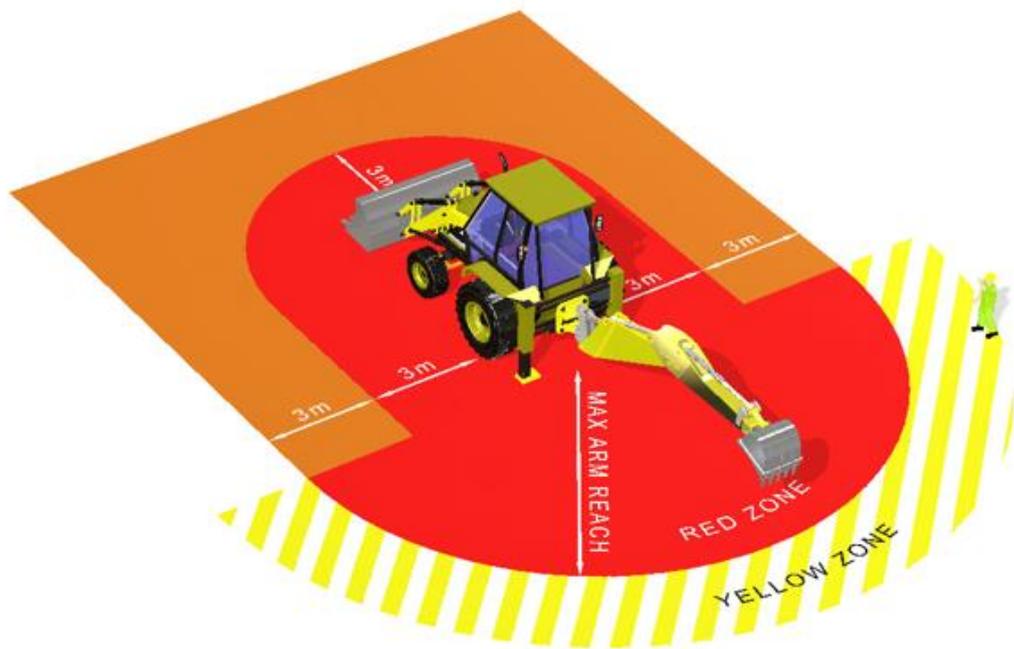


**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

**180 Excavator – HFR not specified.**



**Plant Interface Zones**

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

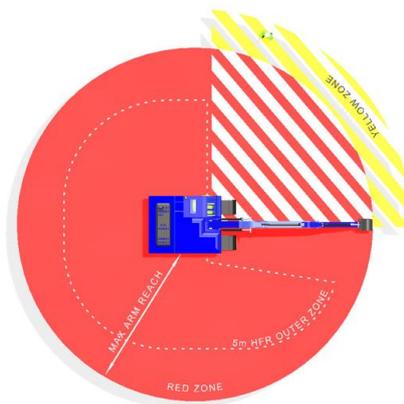
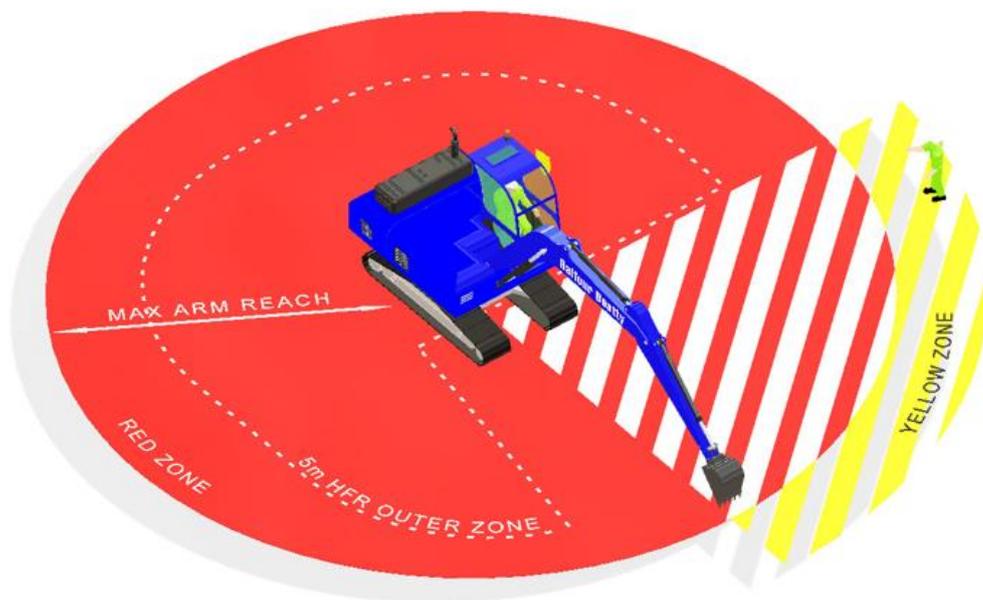
**Hatched Zone**

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## 360 Tracked Excavator



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m outer zone denoted by dotted line

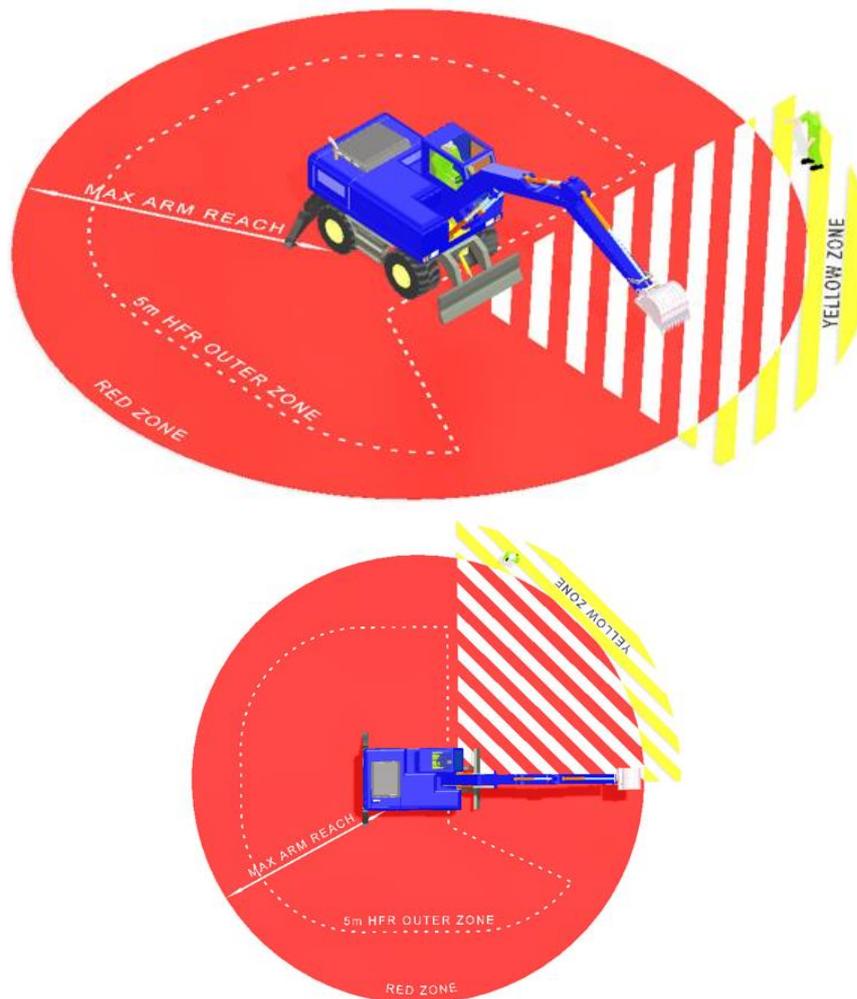
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## 360 Wheeled Excavator



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m outer zone denoted by dotted line

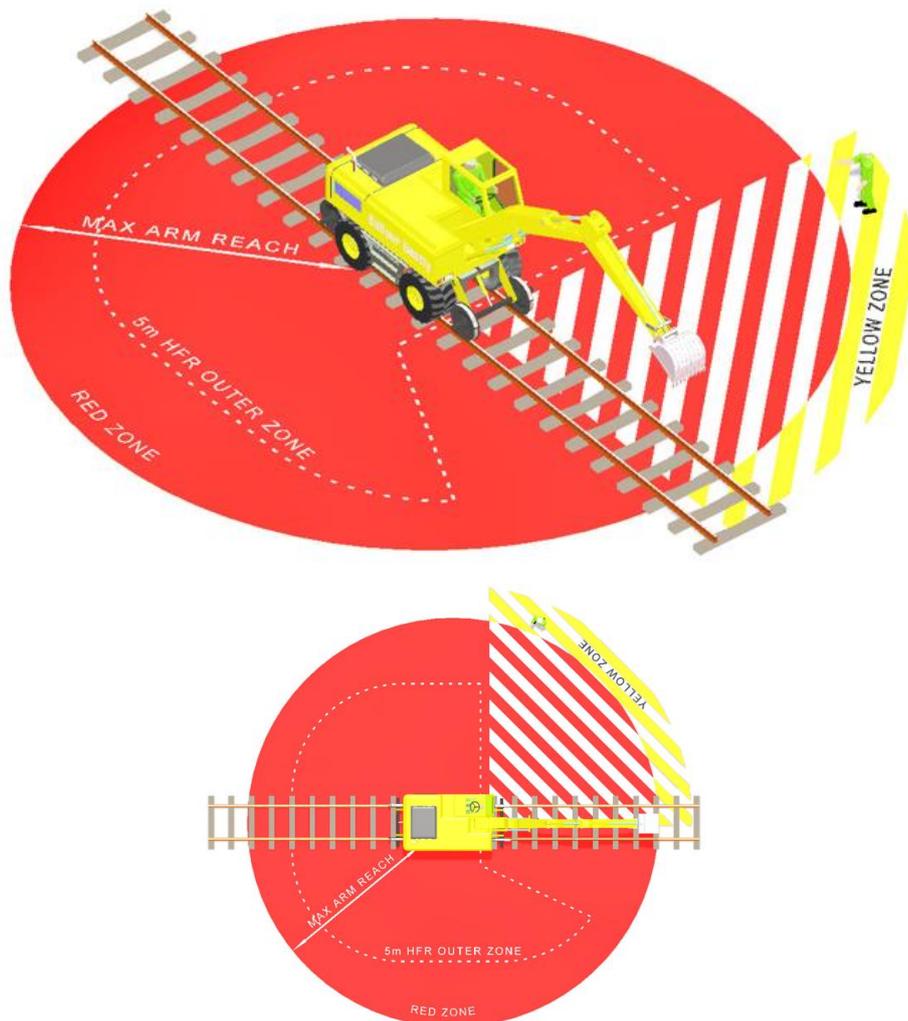
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Road Rail Vehicles



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m outer zone denoted by dotted line

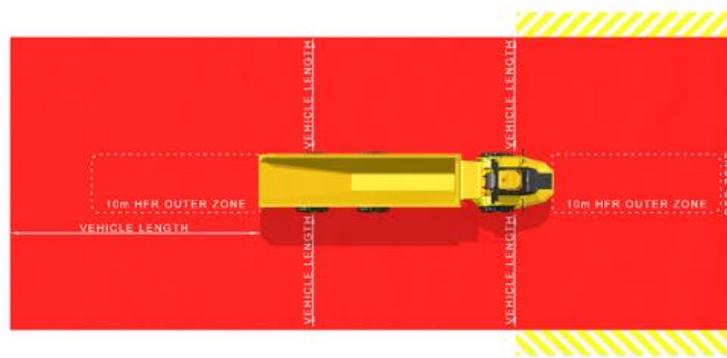
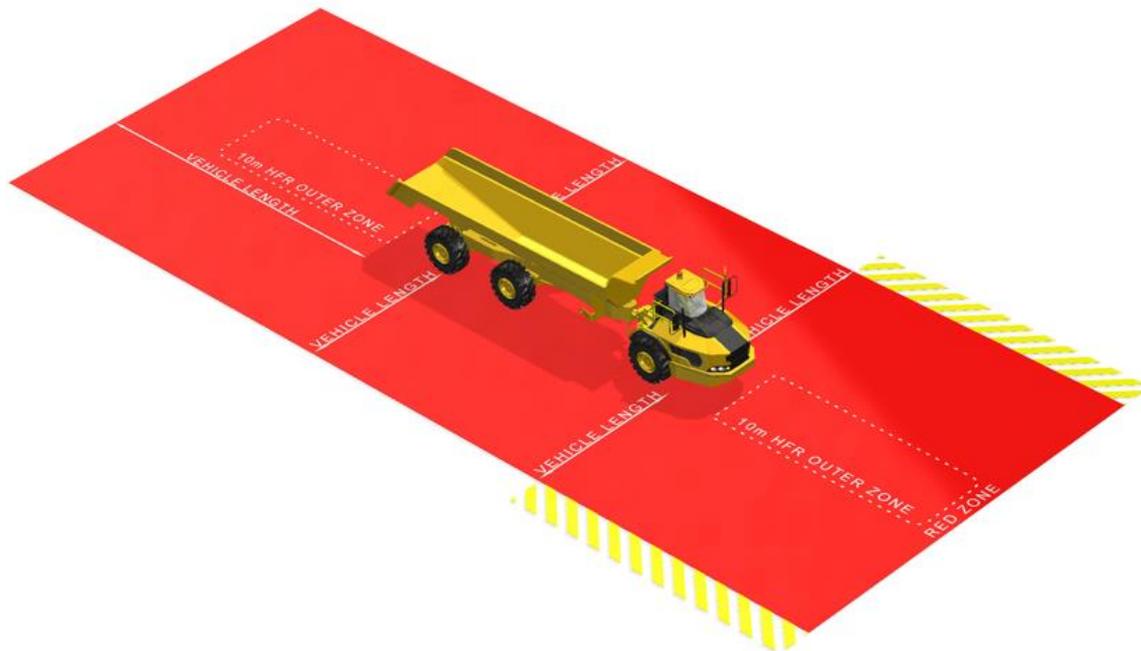
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Articulated/Rigid Dump Truck



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

Denoted by dotted line

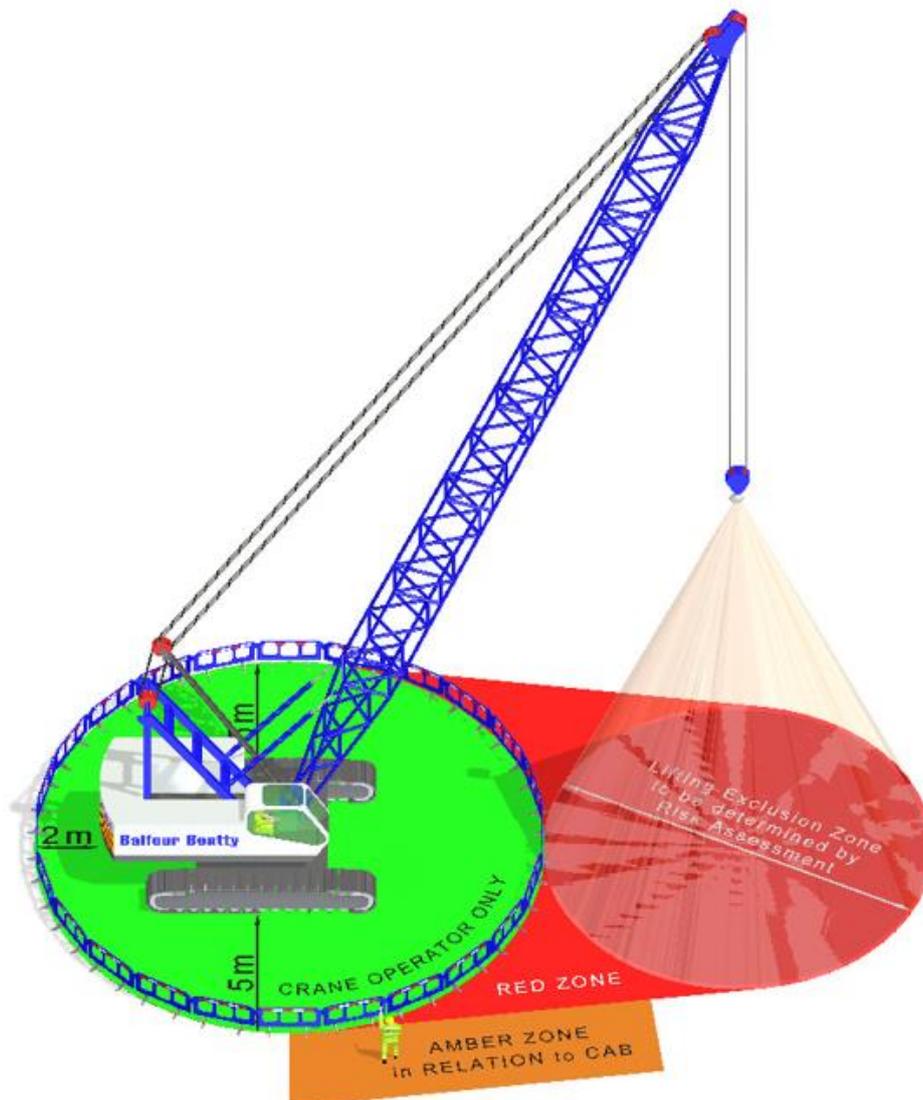
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Crawler Crane – HFR in development



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

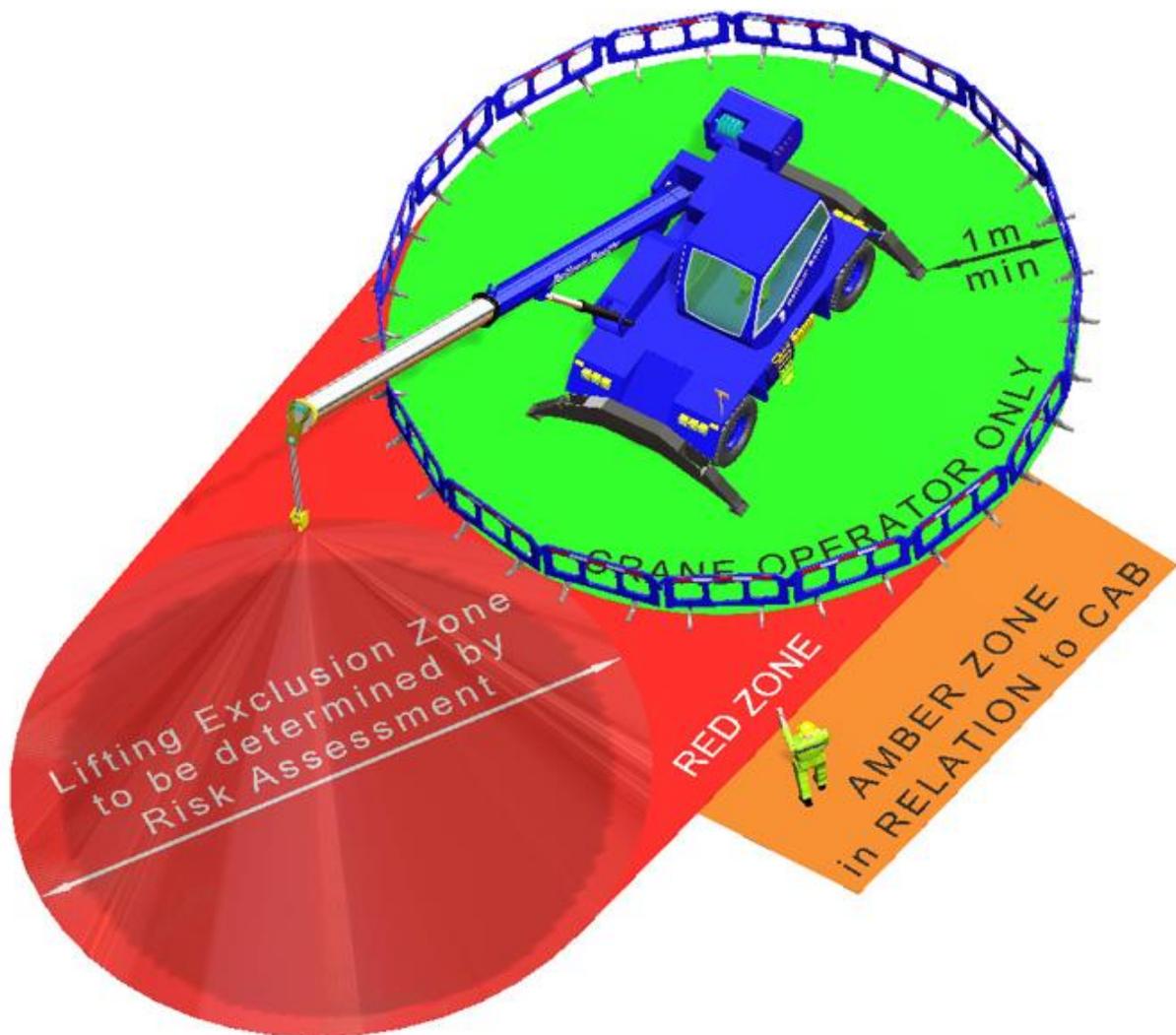
### Lifting Operations Exclusion Zones

The size and extent of the exclusion zone must be determined by a risk assessment. The risk assessment must determine who will monitor and control the exclusion zone(s) to keep non-authorized personnel safe (HSF-PR-0039)

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

**Mobile Crane**



**Plant Interface Zones**

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

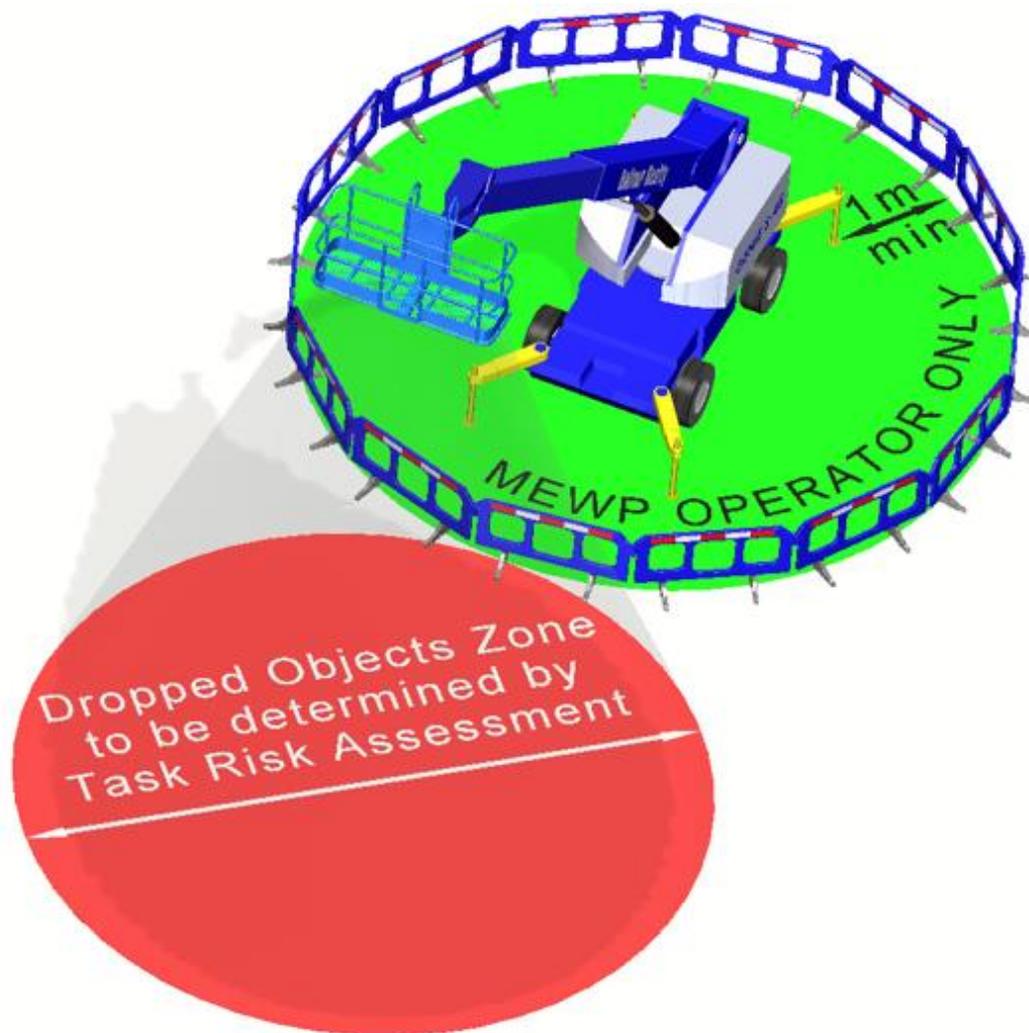
**Lifting Operations Exclusion Zones**

The size and extent of the exclusion zone must be determined by a risk assessment. The risk assessment must determine who will monitor and control the exclusion zone(s) to keep non-authorized personnel safe (HSF-PR-0039)

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

**MEWP – Boom**



**Plant Interface Zones**

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

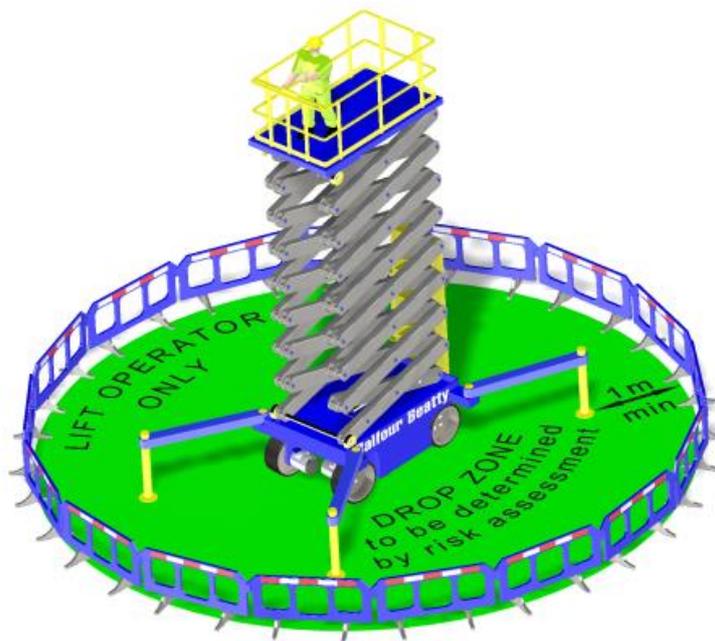
**Drop Zones**

A risk assessment must be carried out to prevent the fall of any tools, equipment, materials or objects when working at height (including conveying tools, equipment, materials or objects to and from the work area) (HSF-PR-0063)

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## MEWP – Scissor Lift



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

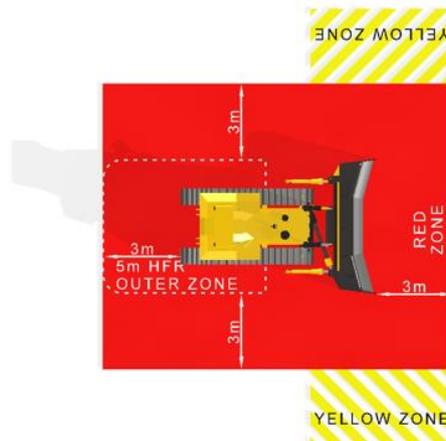
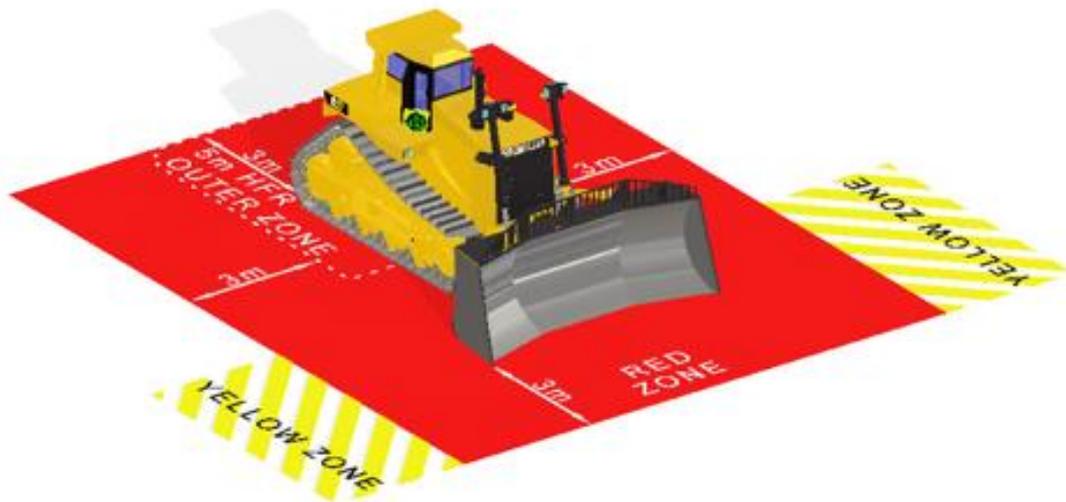
### Drop Zones

A risk assessment must be carried out to prevent the fall of any tools, equipment, materials or objects when working at height (including conveying tools, equipment, materials or objects to and from the work area) (HSF-PR-0063)

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Dozer



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m Outer Zone denoted by dotted line

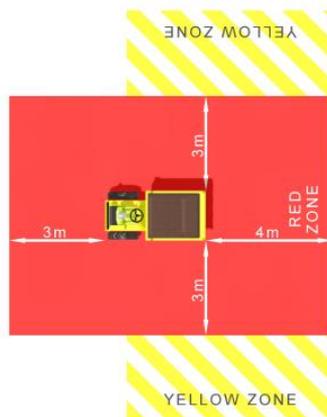
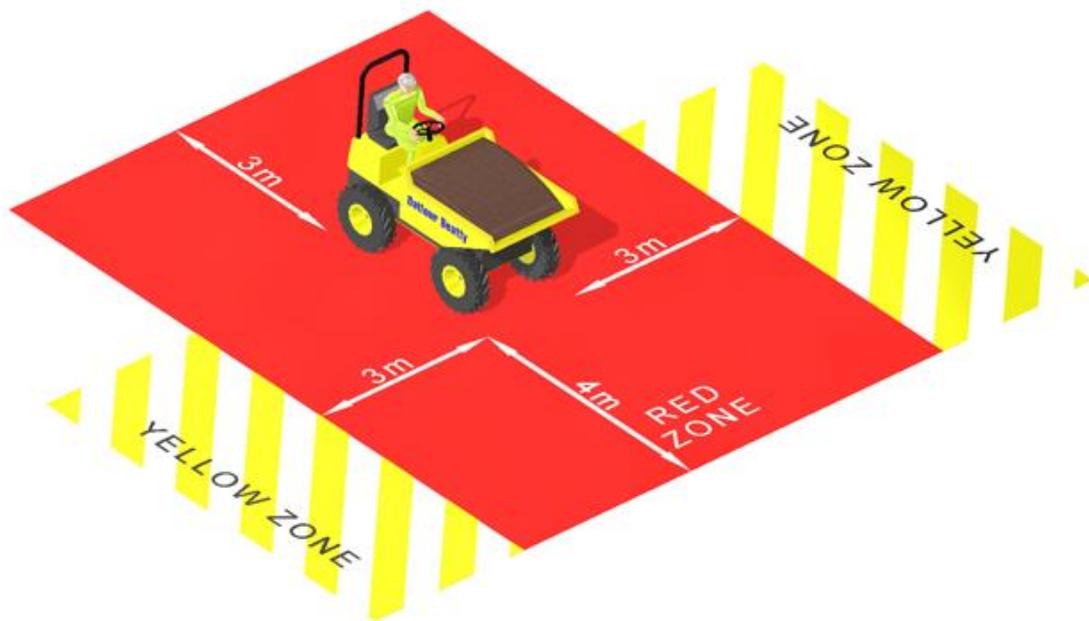
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

Forward/Swivel Tipping Dumper – HFR not specified.



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

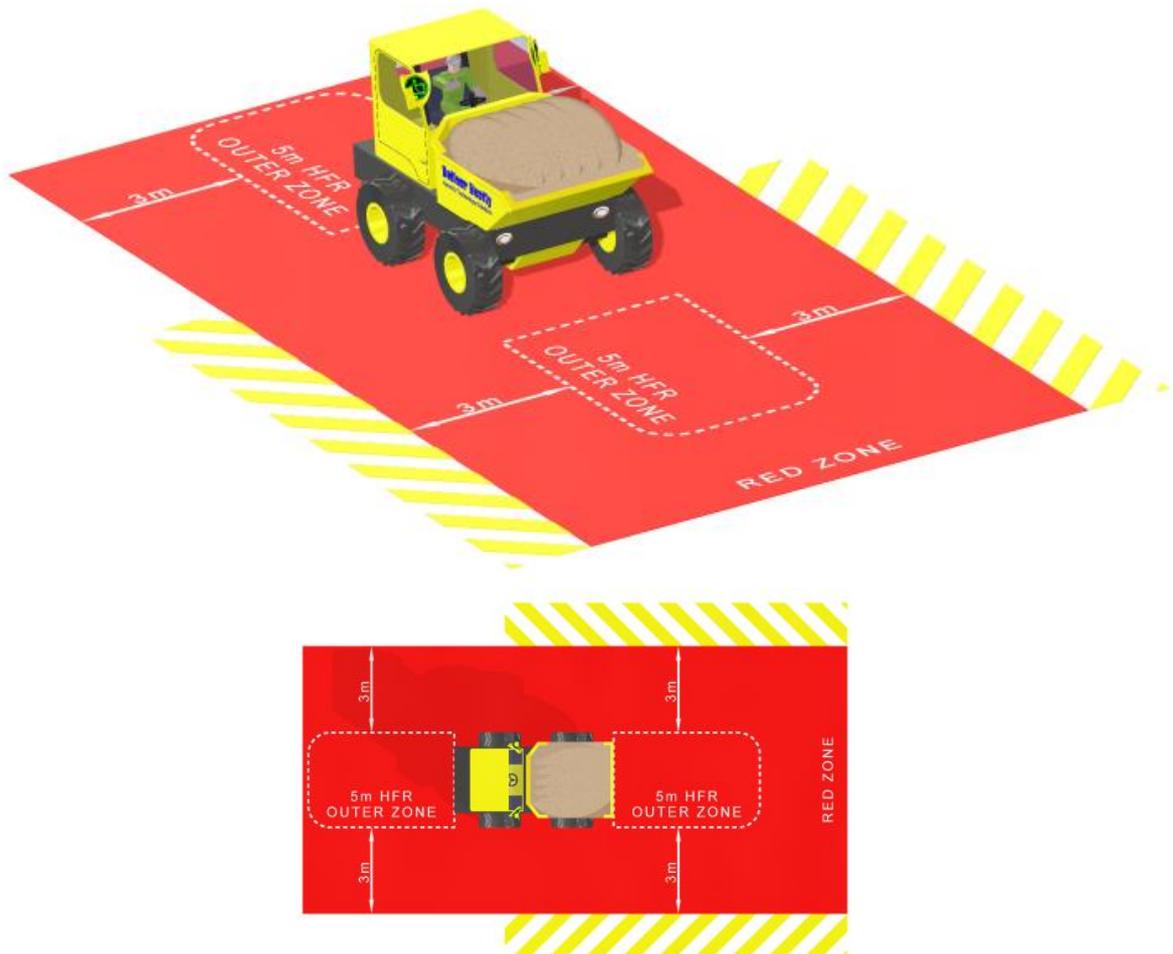
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Cabbed Dumper



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m Outer Zone denoted by dotted line

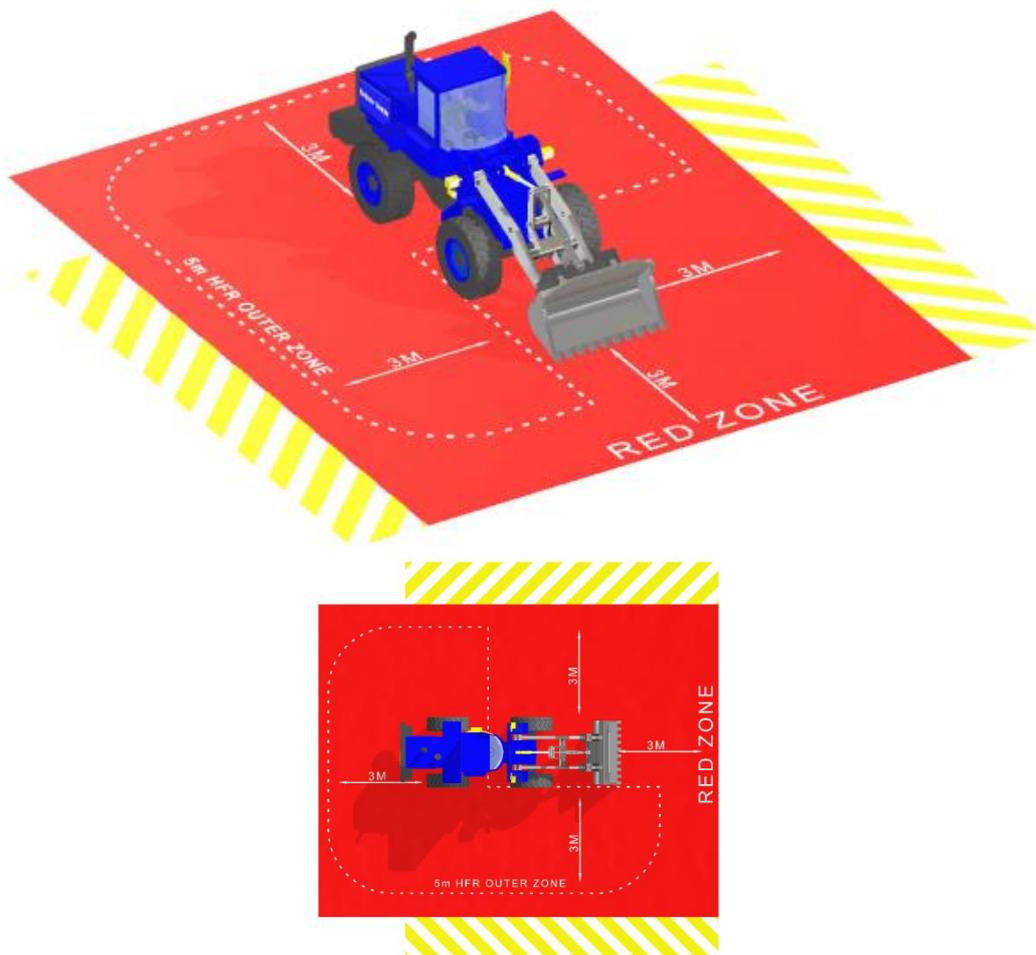
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Front Loading Shovel



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m Denoted by dotted line

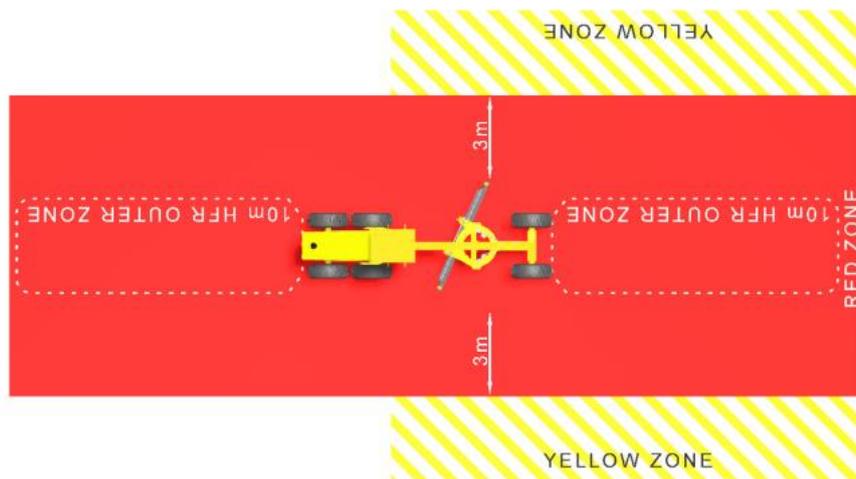
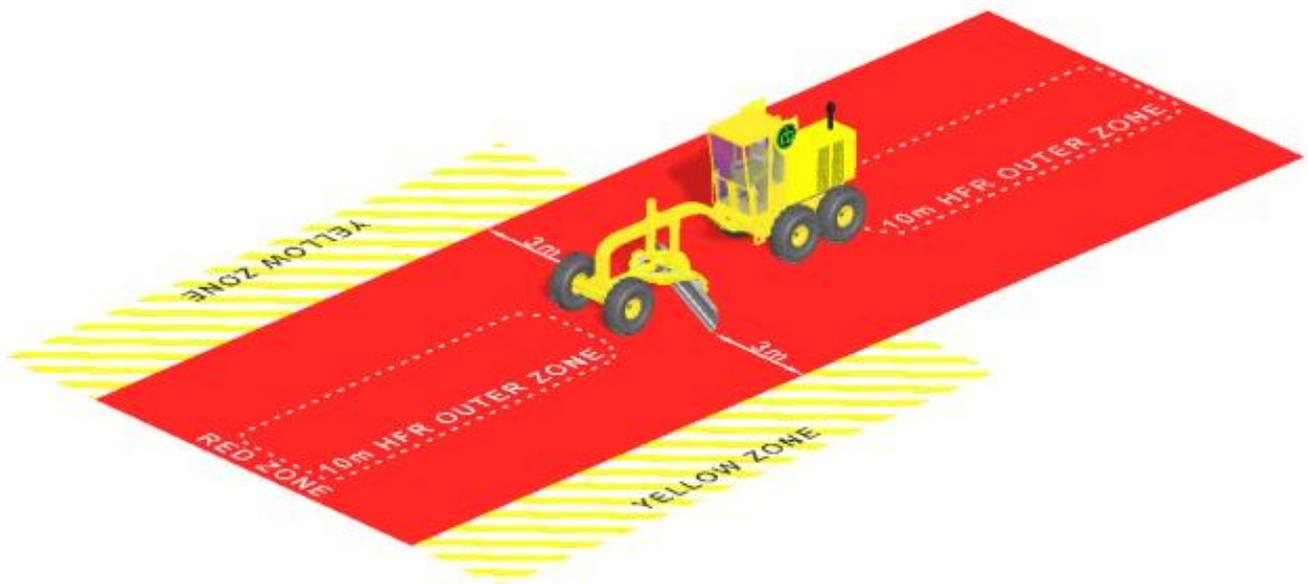
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Grader



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

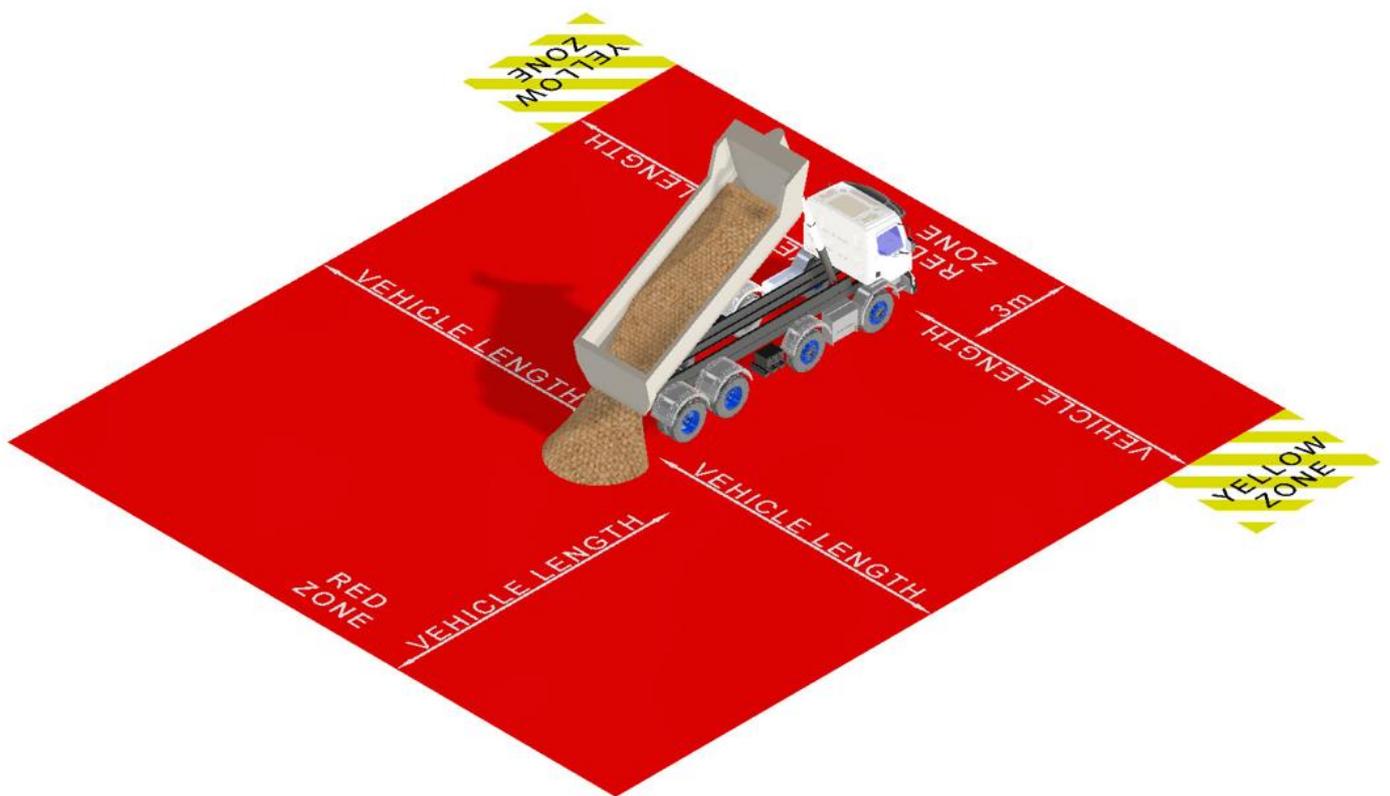
### Human Form Recognition (HFR)

5m Outer Zone denoted by dotted line

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Lorry – Tipping



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

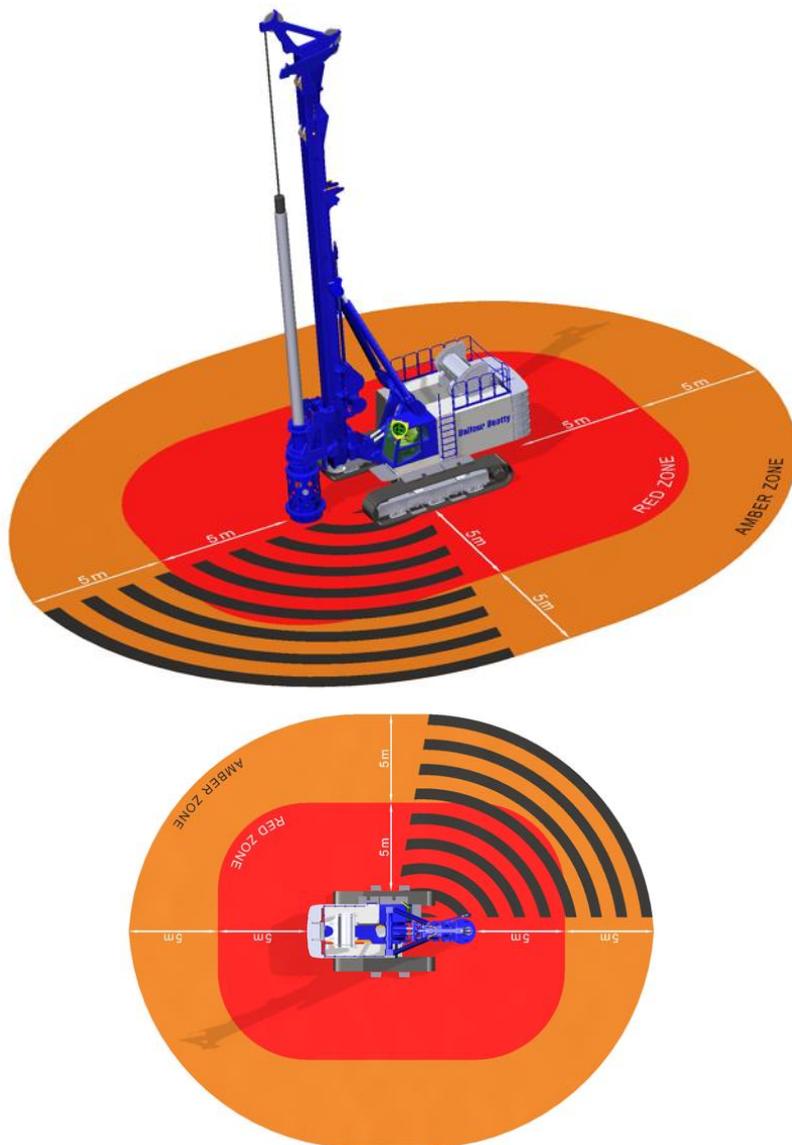
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Piling Rig – HFR in development



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

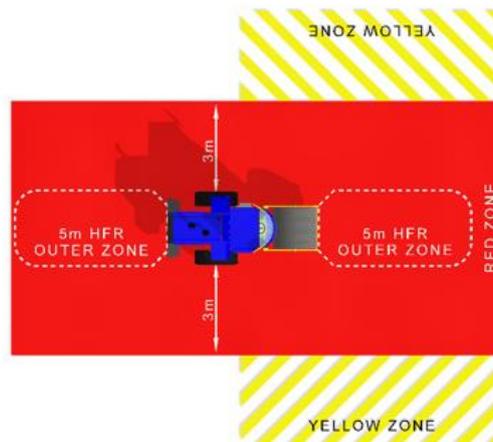
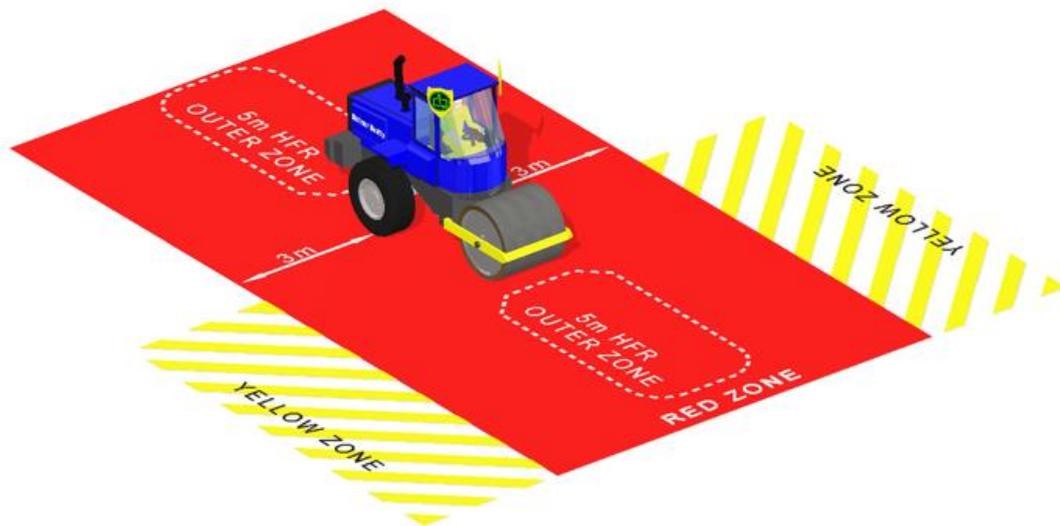
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Roller



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

Denoted by dotted line

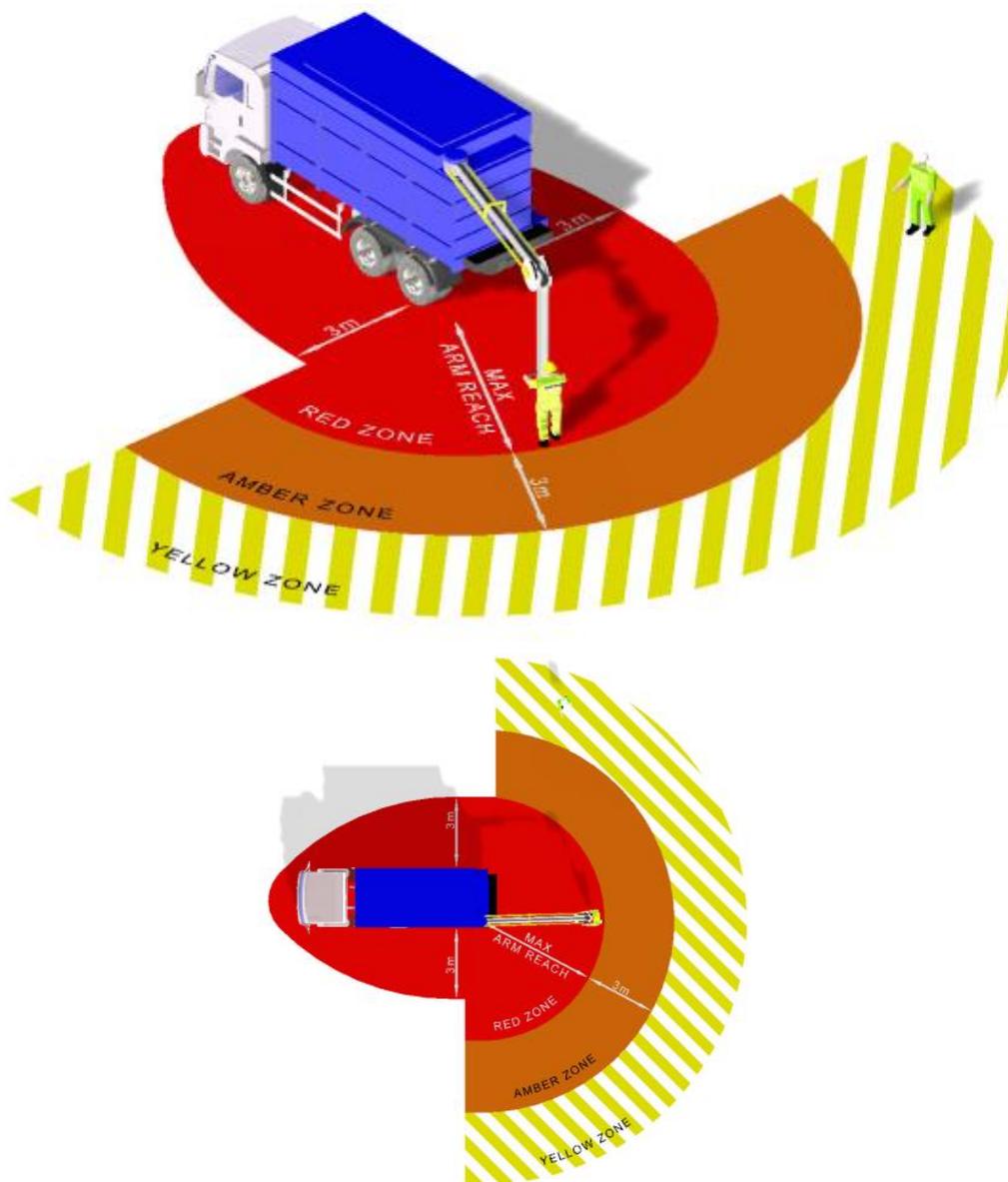
### Hatched Zone

Denotes typical sight lines of the plant operator

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

## Suction Excavator



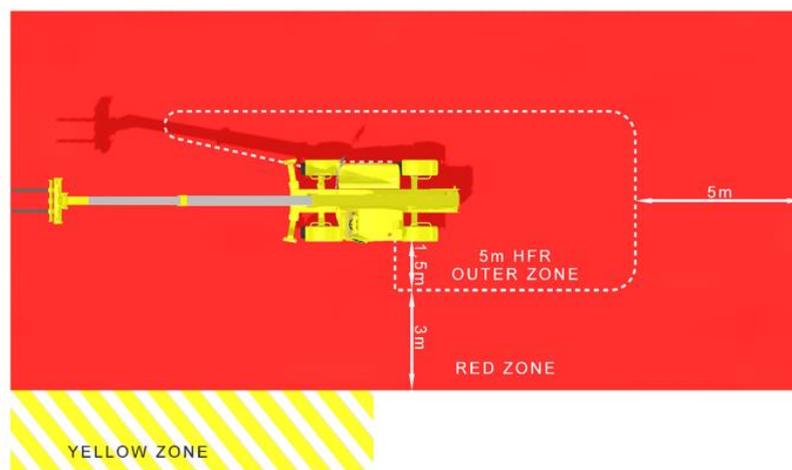
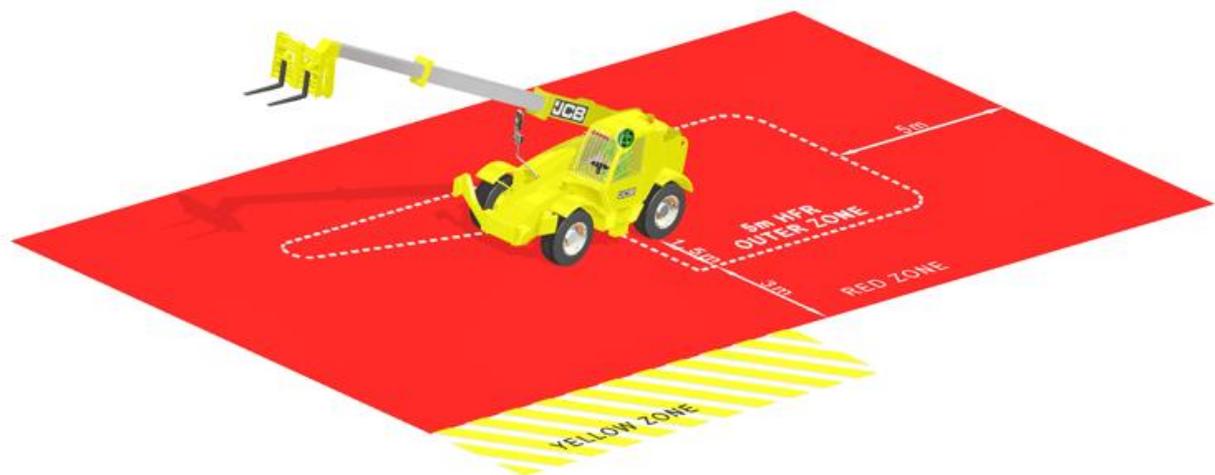
### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Telehandler



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

### Human Form Recognition (HFR)

5m Outer Zone denoted by dotted line

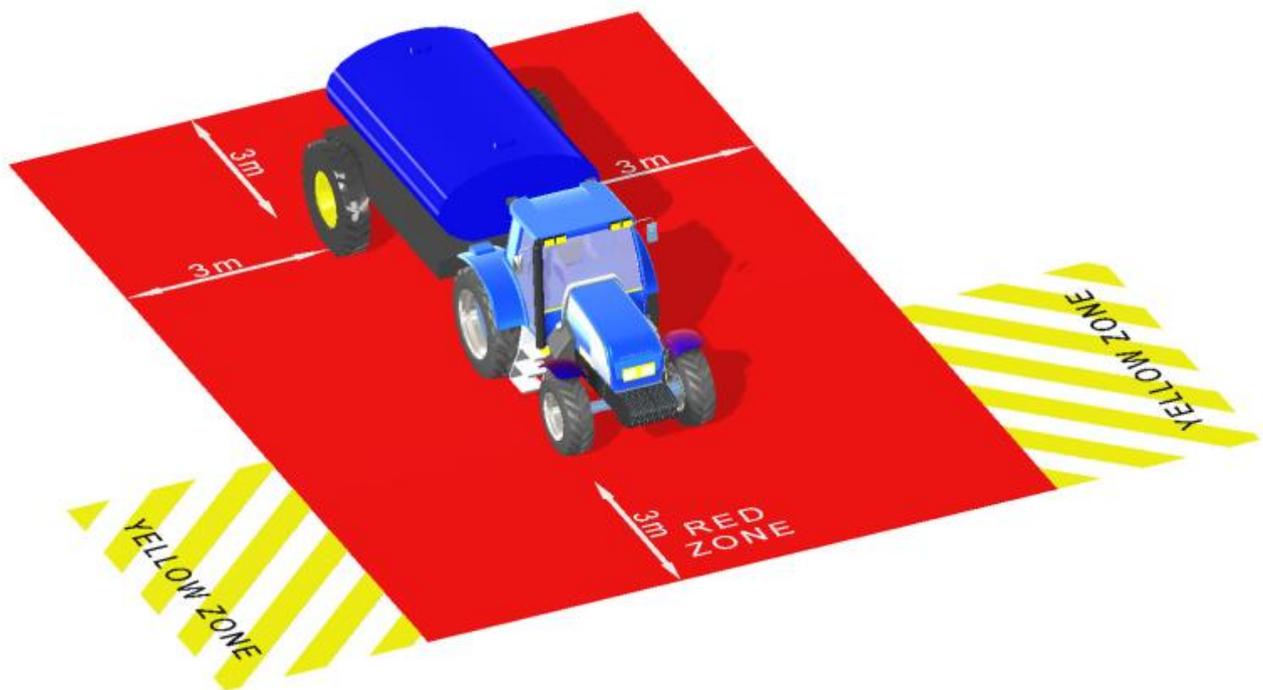
### Hatched Zone

Denotes typical sight lines of the plant operator

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

**Tractor – HFR not specified**



**Plant Interface Zones**

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

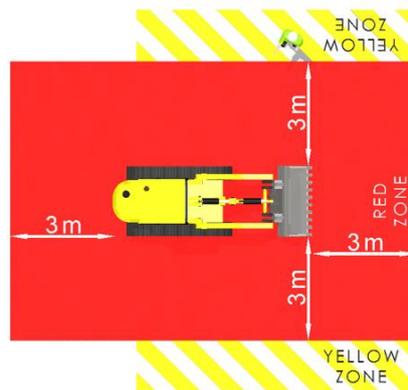
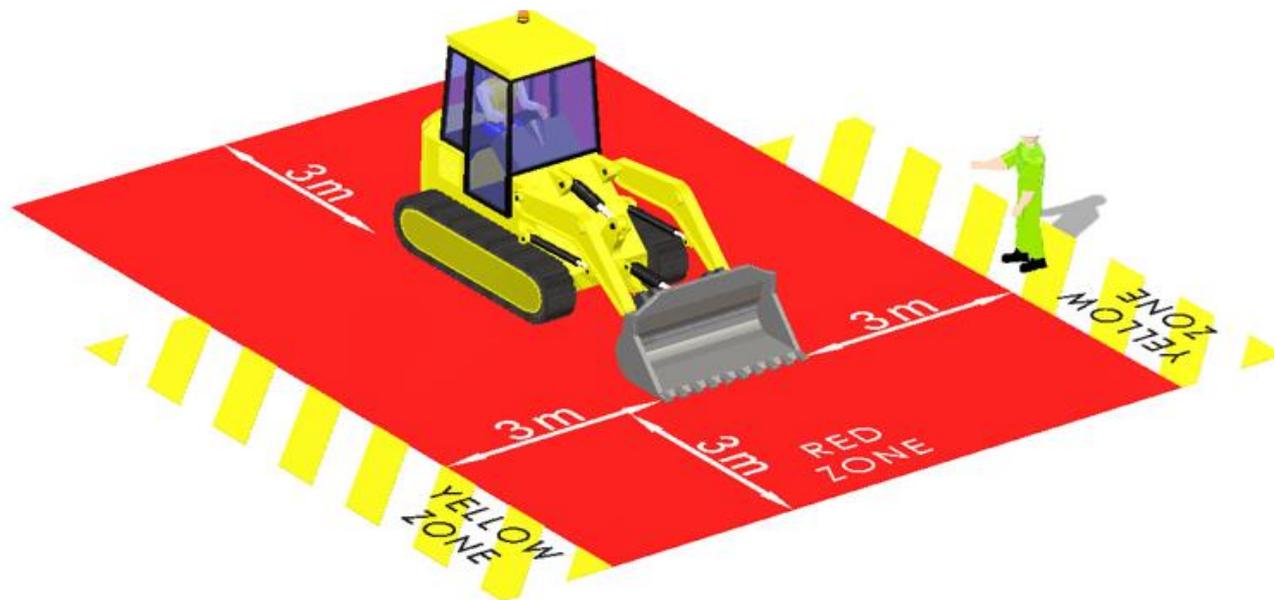
**Hatched Zone**

Denotes typical sight lines of the plant operator

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

## Traxcavator – HFR not specified



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

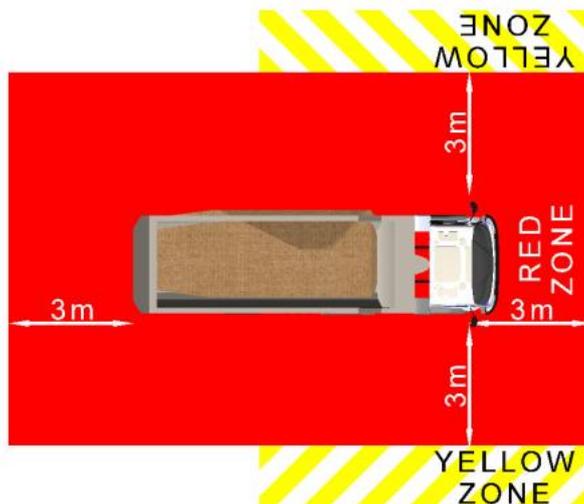
### Hatched Zone

Denotes typical sight lines of the plant operator

## People Vehicle Plant Interface

# DO YOU KNOW YOUR SAFE ZONES?

## Vehicles, Vans and Lorries



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

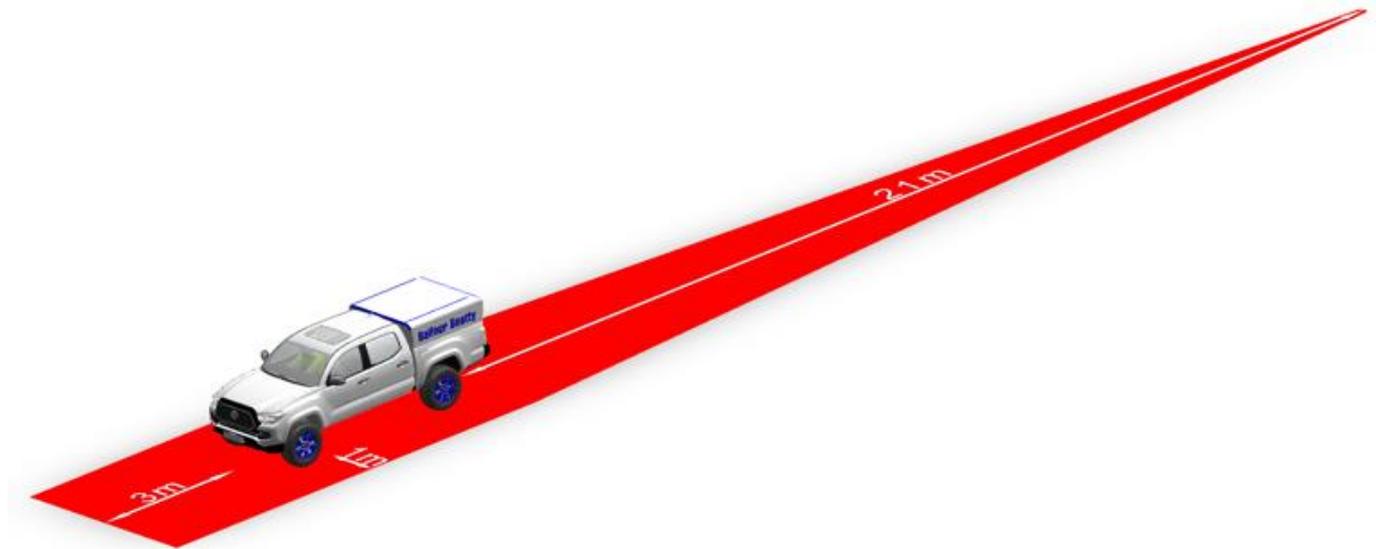
### Hatched Zone

Denotes typical sight lines of the plant operator

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

## Reversing Vans & Pick Up's without cameras



### Drivers Blind Spot

From rear view wing mirrors

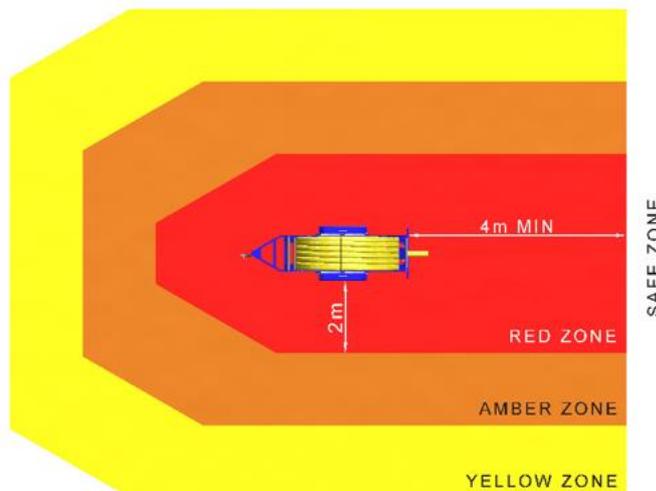
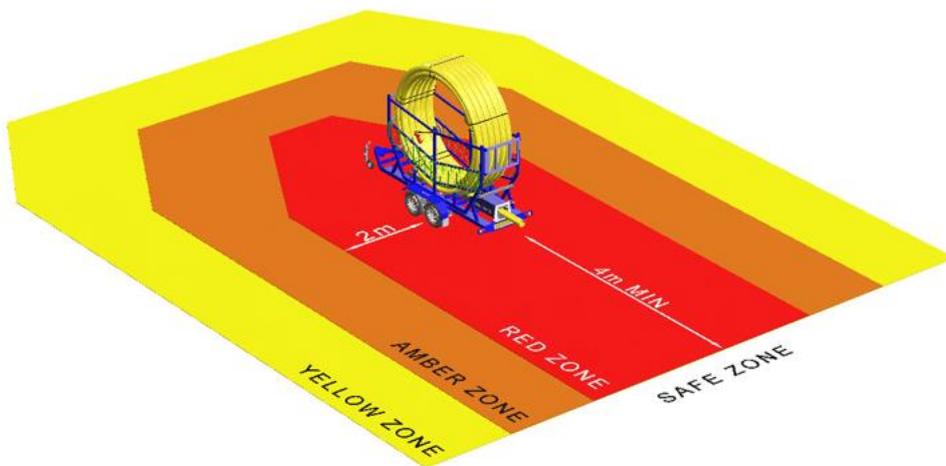
### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)

**People Vehicle Plant Interface**

# DO YOU KNOW YOUR SAFE ZONES?

## Pipe Coil Trailers



### Plant Interface Zones

People, vehicle and plant interface must be planned and controlled by application of the hierarchy of control (HSF-PR-0047)