People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

180 Excavator

**Plant Interface Zones**

**Yellow Zone**
The Excavator Banksman (EB) or Machine Controller (MC) must remain within this zone to be able to direct the plant operator. All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator and authorisation from the EB or MC before entering Plant Interface Zones.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), authorisation from the EB / MC, the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

Where work in the amber zone is unavoidable a robust, task specific, safe system of work must be produced which minimises the time spent within the zone and includes detailed controls for communication between the machine operator and the EB / MC.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**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**

**Yellow Zone**
The Excavator Banksman (EB) or Machine Controller (MC) must remain within this zone to be able to direct the plant operator. All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator and authorisation from the EB or MC before entering Plant Interface Zones.

**Amber Zone**
Enter prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), authorisation from the EB / MC, the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

Where work in the amber zone is unavoidable a robust, task specific, safe system of work must be produced which minimises the time spent within the zone and includes detailed controls for communication between the machine operator and the EB / MC.

**Red Zone**
Enter prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**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

**Yellow Zone**
The Excavator Banksman (EB) or Machine Controller (MC) must remain within this zone to be able to direct the plant operator. All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator and authorisation from the EB or MC before entering Plant Interface Zones.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), authorisation from the EB / MC, the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

Where work in the amber zone is unavoidable a robust, task specific, safe system of work must be produced which minimises the time spent within the zone and includes detailed controls for communication between the machine operator and the EB / MC.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**Hatched Zone**
Denotes typical sight lines of the plant operator
DO YOU KNOW YOUR SAFE ZONES?

Articulated/Rigid Dump Truck

Plant Interface Zones

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator
Plant Interface Zones

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**Hatched Zone**
Denotes typical sight lines of the plant operator.
People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

Forward/Swivel Tipping Dumper

Plant Interface Zones

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

**Red Zone**
Enter prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**Hatched Zone**
Denotes typical sight lines of the plant operator
DO YOU KNOW YOUR SAFE ZONES?

Front Loading Shovel

Plant Interface Zones

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator
DO YOU KNOW YOUR SAFE ZONES?

Grader

Plant Interface Zones

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator
DO YOU KNOW YOUR SAFE ZONES?

Plant Interface Zones

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**Hatched Zone**
Denotes typical sight lines of the plant operator.
People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

Lorry - Tipping

Plant Interface Zones

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator.
DO YOU KNOW YOUR SAFE ZONES?

**Roller**

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**Plant Interface Zones**

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**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

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the suction nozzle stowed in the travelling position or manoeuvred to a safe location with the suction nozzle placed on the ground, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator
People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

Telehandler

**Plant Interface Zones**

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**Hatched Zone**
Denotes typical sight lines of the plant operator.
People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

Tractor

Plant Interface Zones

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator
People Vehicle Plant Interface

DO YOU KNOW YOUR SAFE ZONES?

Traxcavator

Plant Interface Zones

**Yellow Zone**
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

**Amber Zone**
Enter prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised using the safety lever and the engine is switched off.

**Red Zone**
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

**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

Yellow Zone
All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator.

Amber Zone
Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), the dipper arm / hydraulics are grounded, the machine is immobilised and the engine is switched off.

Red Zone
Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

Hatched Zone
Denotes typical sight lines of the plant operator.