

## SOP - Bulldozer

**DO NOT use this plant\* unless you have been inducted in its safe use and operation by an Authorised Experienced Operator**

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant. Site and task may change required PPE.

### PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



High visibility clothing must be worn



Hearing protection must be worn



Foot protection must be worn



Hand protection must be worn



Head protection must be worn

### POTENTIAL HAZARDS AND RISKS

- Struck by Moving Object**  
Struck by moving object due to unexpected movement of plant
- Cutting, Stabbing or Puncturing**  
Injury from contact with moving parts  
Injury from unexpected movement of plant
- Slip, Trips, Falls**  
Slip, trip, fall whilst entering and exiting vehicle
- Other**  
Injury due to plant malfunction or misuse  
Injury due to operating of plant in unsuitable weather conditions  
Contact with hot or cold parts of plants  
Hearing damage from excessive noise
- Crushing**  
Crushing due to plant tipping or rolling over  
Crushing due to material falling off plant
- Entanglement**  
Entanglement in moving parts
- Exposure to High Pressure Fluid**  
Injury from exposure to high pressure fluids
- Shearing**  
Body parts sheared between items of plant

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate visual daily plant check.
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Ensure all implements are grounded
- ✓ Ensure plant is fitted with an automatic back up alarm
- ✓ Before operation check worksite for obstructions and hazards including ditches, slopes, hills and excavations
- ✓ Seat belt to be worn

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure no person or animal is endangered when operating plant
- ✓ Use 3 points of contact when entering and exiting plant
- ✓ All steps, ladders, platforms should be kept clean (to prevent slips & falls)

- ✓ Be aware of changes in weather conditions which may affect plant operators safety
- ✓ Ensure you are aware of the location of overhead powerlines, always operate within the prescribed safe working distances of overhead powerlines, use of spotter if required
- ✓ If it is expected that utility lines are in the area ensure you have the correct "Dial Before You Dig" plans available BEFORE you start work
- ✓ Ensure you are aware of hazardous surface areas such as uneven or sloping terrain that may result in plant rollover
- ✓ Be certain the condition of the worksite is stable and capable of supporting plant during operation
- ✓ Always be aware of wet/soft and loose edges
- ✓ Keep blade down and avoid running over downed material. Operate in gear consistent with the area and material being cleared
- ✓ Dozer blades and attachments must be kept close to the ground while moving
- ✓ Always be watchful of bystanders when operating plant
- ✓ Ensure too frequently check gauges to be sure fluid pressures are adequate, preventing engine shutdown and transmission shifting
- ✓ Before making adjustments bring plant to a complete standstill and isolate

## ENDING OPERATIONS

- ✓ Park plant on even surface
- ✓ Ensure all implements are grounded
- ✓ Place controls in NEUTRAL position
- ✓ Engage parking brake
- ✓ Turbo shutdown time may apply
- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Refuel plant at least 3 metres from combustibles
- ✓ Ensure plant is in good working order and stored in the appropriate location

## DO NOT

- ✗ Do not use if plant is faulty. Attach a DO NOT OPERATE tag and report fault to your supervisor
- ✗ Do not use plant on materials that have more height than that of the dozer itself
- ✗ Do not operate on excessively steep terrain
- ✗ Do not operate near ditches, holes or embankments that may collapse under plants weight
- ✗ Do not mount or dismount plant whilst engine is running
- ✗ Do not carry passengers
- ✗ Do not leave plant running unattended
- ✗ Do not leave keys in machinery whilst unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

**\*Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.**