



# Mechanical and Safety Inspection Bulldozer SMS-MN-INS0005

## Inspection Details

Date:

Inspection Location:

Inspected by:

## Customer Details

Name:

Site:

## Machine Details

Machine ID:

Make:

Model:

Serial Number:

Rego No.

SMU Reading:

### Machinery Inspection Check List

CAB	Pass	Fail	N/A	Comments and Faults
Doors/Locks				
Windows				
Mirrors				
Operator Seat				
Seat Belts				
A/C Filters				
A/C Operation, Temp				
UHF/ Digital Radio - <b>Radio Power Supply Hardwired</b>				
AM/FM Radio				
Reverse camera & screen				
Wiper and Washers				
General Cab Condition				
Operator Manual				
Service Sticker				
Cab Detailed\Cleaned				
Heater Tested - Hot				
Hour Meter				
Horn Operation				
Gauges				
ENGINE	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil Leaks				
Oil Filter				
Air Filters/Pipes				
Fuel Filter, Pipes & Hoses				
Fuel Level				
Coolant Level				
Coolant Leaks				
Inhibitor Condition				
Fan, Water Pump & A/C belts				
Alternator & Bracket				
Starter Motor				
Turbo				
Air Compressor				
A/Con compressor & Mount				
Engine mounts				
Radiator & mounts				
Radiator pipes & hoses				
Exhaust system				
Charge air cooler & pipes				
EVb operation				
Fan Guards				
Safety Decals				
Paint				
Heater Taps On - No Leaks				

HYDRAULICS	Pass	Fail	N/A	Comments and Faults
Oil Level				
Hyd. Tank condition				
Hyd. Pump operation				
Control Valves/Leaks				
Blade Lift Cylinders				
Blade Tilt Cylinders				
Ripper Lift Cylinders				
Ripper Tilt Cylinders				
Ripper Pin Pull Cylinder				
PTO Shaft & Coupling, Safety guards				
Hyd/trans cooler/ mounts				
Hose Condition/Clamps/P clamps				
TRANSMISSION	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil leaks				
Prop Shaft & Uni's				
Operation				
Electrical connections				
Shift levers/Pad				
BRAKES	Pass	Fail	N/A	Comments and Faults
Brake test & record				
BODY CONDITION	Pass	Fail	N/A	Comments and Faults
Front Machine Panels				
Rear Machine Panels				
Side panels				
Paint Condition				
Asset ID Fitted- Front, Side, Rear				
Assembly/Fitment Parts Supplied				
FRAME/ARTIC	Pass	Fail	N/A	Comments and Faults
Fire Extinguisher Date				
2 <sup>nd</sup> Fire Extinguisher Date				
Fire Suppression System / Date				
Fire Suppression Bottle / Date				
Auto Greaser/Level/Lines				
Equalizer Bar				
Blade Trunnions				
Blade Skin				
Blade Lift Caps movement				
Blade tilt movement				
Blade Pivot movement				
Ripper movement				

ELECTRICS	Pass	Fail	N/A	Comments and Faults
Batteries and Clamps				
Rubber over battery				
Acid level\Cables				
Work lights				
Reverse alarm				
Reverse Lights				
Beacon				
Horn				
Gauges/Warning Lights/Alarms				
Relays/Fuses/Breakers				
UNDERCARRIAGE	Pass	Fail	N/A	Comments and Faults
Track Frames				
Track Chains				
Track Roller Guards				
Sprockets				
Idlers				
Bottom Rollers				
Top Rollers				
Grousers				
Track Guides				
G.E.T	Pass	Fail	N/A	Comments and Faults
Blade Condition				
Cutting edge				
Scarifiers      Quantity				
Rippers         Quantity				

Site Spec Fit Out			
	Pass	N/Fitted	Comments and Faults
Fan Belt Guards			
Air Con Belt Guards			
Manual Release Radiator Cap			
Rubber Covering Batteries			
Access Step Condition			
Hand Rail Condition			
Reflective Tape Stickers			
Safety lock out Stickers			
Isolator Stickers			
3 Point Contact Stickers			
Quick Hitch Safety Pin			
Fire Suppression Shut Down Working			
Battery Isolator Working			
Starter Isolator Working			
Emergency Stops x 2 Working			
Hydraulic Lock Out Working			
Weed & Seed			
Window tint			
Flashing light			
Low coolant alarm			
Evac service points			
UHF radio			
Cab Pressurizer			
Am/Fm Radio			
Mine spec VHF			
<u>Extras</u>			

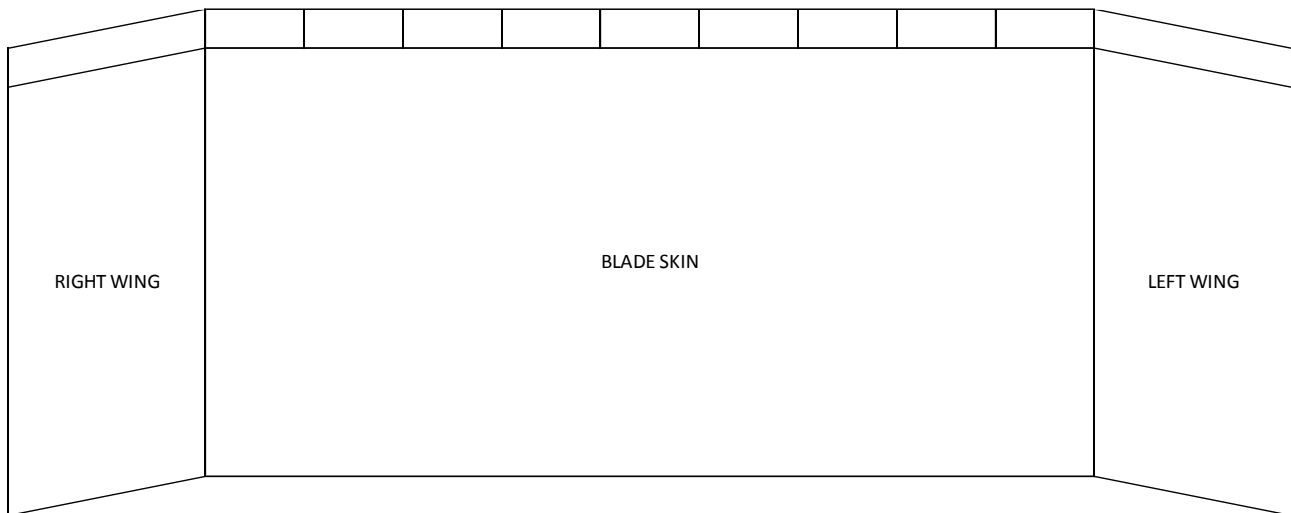
### Vehicle & Mobile Equipment Hygiene Inspection Certificate

This form must be completed

- For all vehicles and mobile equipment entering all project areas.
- For all vehicles and mobile equipment exiting weed risk areas and declared weed risk areas.

The following areas have been inspected and free from dirt and vegetation	Please ✓		Comments
	Y	N	
Internal Areas (cabin)			
External Areas – Panel/Trays etc.			
Radiators and Filters			
Dust Bowls and Cyclones			
Sump/Engine guard			
Buckets / Blades / Tyres etc.			
Running Gear / Bash Plates			
Tyres / Wheel Arches / Tracks			
Undercarriage / Other areas			
Prior to exiting areas known to be contaminated with Declared Plants or Significant Environmental Weeds the Contractor shall wash-down vehicles and mobile plant designated areas as per the requirements outlined in SMS Procedure Weed Hygiene Document Number HSE12.10.			
Vehicle wash-down completed			

### Blade Measurements



Part ID	New Thickness (mm)	Most Worn Measurement (mm)
Right Wing		
Blade Skin		
Left Wing		

### GET Condition

Item	New	One Flip or Less than 50% Worn	More Than 50% Worn
Cutting Edge			
Corner Tips			
Ripper Tip			

### Undercarriage Measurements

Component	Ultrasonic or Manual Measurement (Circle One)	Left	Right
Links Height			
Bushings - External			
Track Shoes			
Idlers - Front			
Idlers -Rear			
Carrier Rollers			
Track Rollers - Single Flange - P1			
Track Rollers - Single Flange - P2			
Track Rollers - Double Flange - P3			
Track Rollers - Double Flange - P4			
Track Rollers - Double Flange - P5			
Track Rollers - Double Flange - P6			
Track Rollers - Single Flange - P7			
Track Rollers - Single Flange - P8			
Sprockets			

### Inspections Carried Out By

Name:

Signature: