



Mechanical and Safety Inspection

Wheel Loader

SMS-MN-INS0009

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 - Radio Power Supply Hardwired				
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				
Boom Cylinders				
Tilt Cylinder				
Articulation Cylinders				
PTO Shaft & Coupling, Safety guards				
Hyd/trans cooler/ mounts				
Wet Brake cooler/mounts				
Hose Condition/Clamps/P clamps				
HMU for leaks				
Check Emergency Steering				
TRANSMISSION	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil leaks				
Prop Shaft & Uni's				
Operation				
Electrical connections				
Shift levers/Pad				
PTO	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil Leaks				
Mounting Points				
DROPBOX	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil Leaks				
Mountings				
Hose Condition/Clamps/P clamps				
BRAKES	Pass	Fail	N/A	Comments and Faults
Oil/Fluid Level				
Actuators				
Brake Pedal				
Hose/Pipes				
Park Brake				
Park Brake Pad Wear				
Park Brake Disc Thickness (mm)				
Brake test & record				
AXLES	Pass	Fail	N/A	Comments and Faults
Front Axle/Diff/Planetary				
Mid Axle/Diff/Planetary				
Rear Axle/Diff/Planetary				
Prop shafts				

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
Oscillation bearings				
Oscillation nut/retainers				
Front Frame				
Articulation Bearings/Pin Bolts				
Steering Linkages				
Fire Extinguisher Date				
2 nd Fire Extinguisher Date				
Fire Suppression System / Date				
Fire Suppression Bottle / Date				
Rear frame				
Boom Pins/Bushes				
Bucket Pins/Bushes				
Bucket Linkage Pins/Bushes				
Quick Hitch/Pins/Safety Pin				
Auto Greaser/Level/Lines				
ELECTRICS	Pass	Fail	N/A	Comments and Faults
Batteries and Clamps				
Rubber over battery				
Acid level\Cables				
Headlights				
Work lights				
Indicators				
Brake lights				
Reverse alarm				
Reverse Lights				
Beacon				
Horn				
Gauges/Warning Lights/Alarms				
Kickouts				
Tilt/ Fork				
Boom				
Relays/Fuses/Breakers				
BRAKE TEST	Pass	Fail	N/A	Comments and Faults
P/Brake Hold RPM				
Service Brake Hold RPM				
Combined Brake Hold RPM				

G.E.T	Pass	Fail	N/A	Comments and Faults
Bucket N#				
Bucket Teeth/Adapters				
Bucket condition				
Cutting edge				
2 nd Bucket N#				
Bucket Teeth/Adapters				
Bucket condition				
Cutting Edge				
ATTACHMENTS SUPPLIED	Pass	Fail	N/A	Comments and Faults
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				
Extras				

Vehicle & Mobile Equipment Hygiene Inspection Certificate

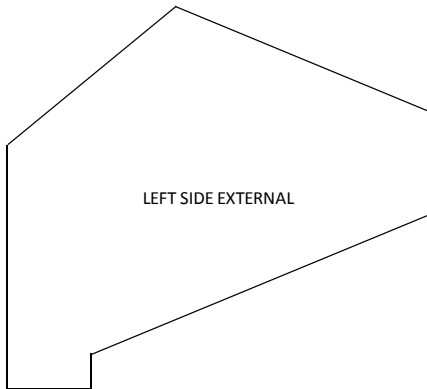
This form must be completed

- 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.

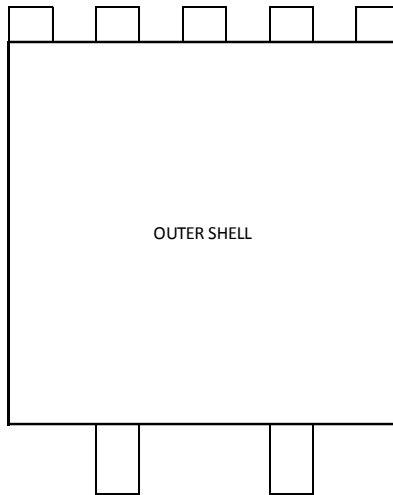
The following areas have been inspected and free from dirt and vegetation	Please ✓		Comments
	Y	N	
Internal Areas (cabin)			
External Areas – Panel/Trays etc.			
Radiators and Filters			
Dust Bowls and Cyclones			
Sump/Engine guard			
Buckets / Blades / Tyres etc.			
Running Gear / Bash Plates			
Tyres / 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			

Bucket Measurements

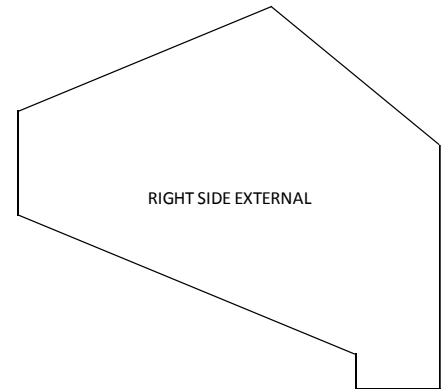
EXTERNAL



LEFT SIDE EXTERNAL

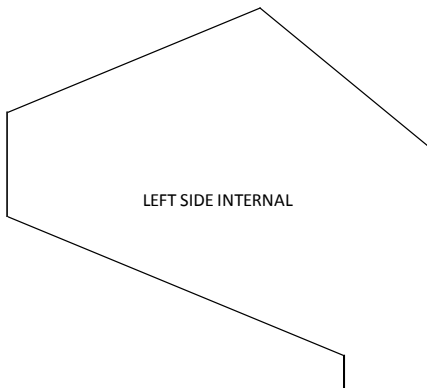


OUTER SHELL

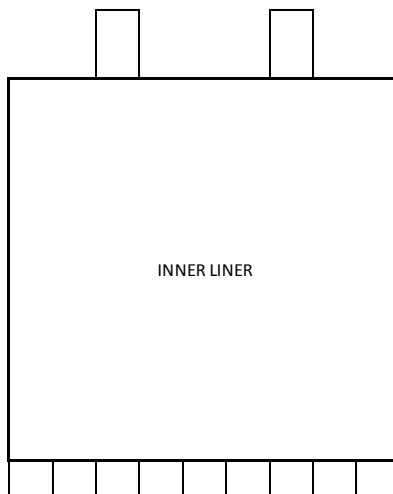


RIGHT SIDE EXTERNAL

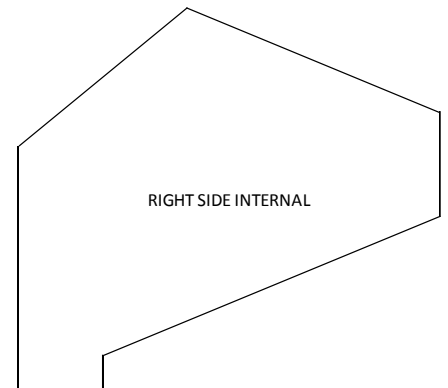
INTERNAL



LEFT SIDE INTERNAL



INNER LINER



RIGHT SIDE INTERNAL

Part ID	New Thickness (mm)	Most Worn Measurement (mm)
LEFT SIDE EXTERNAL		
OUTER SHELL		
RIGHT SIDE EXTERNAL		
LEFT SIDE INTERNAL		
INNER LINER		
RIGHT SIDE INTERNAL		

GET Condition

Item	New	Less than 50% Worn	More Than 50% Worn
Teeth			
Lip Protectors			

Tyre Inspections

	Position 1	Position 2	Position 3	Position 4	Position 5	Position 6
Tyre Size						
Brand						
Pattern						
Spec						
Tread Depths - Inner/Outer						
Average Tread Depth (mm)						
Tyre Serial Number						
Rim Serial Number						
Tyre Pressures						
Position	Issues Found			Recommendations		
1						
2						
3						
4						
5						
6						

Inspections Carried Out By

Name:

Signature: