



Mechanical and Safety Inspection Grader SMS-MN-INS0007

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				
Lift/Tip/Boom Cylinders				
Tip Cylinder				
Centre Shift Cylinder				
Ripper Lift Cylinder				
Side shift Cylinders				
Wheel lean Cylinders				
Steering 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				
Operation				
Retarder				
Electrical connections				
Shift levers/Pad				
Mountings				
Hose Condition/Clamps/P clamps				
BRAKES	Pass	Fail	N/A	Comments and Faults
Oil/Fluid Level				
Actuators				
Brake Peddle				
Hose/Pipes				
Park Brake				
Park Brake Pad Wear				
Park Brake Disc Thickness (mm)				
Brake test & record				
AXELS	Pass	Fail	N/A	Comments and Faults
Front Axle				
Tandems				
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				

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				
Circle				
Circle wear plates				
Auto Greaser/Level/Lines				
Circle Drive Sprocket				
Circle Teeth				
Blade Skin				
Blade Slides				
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				
Headlights				
Work lights				
Indicators				
Brake lights				
Reverse alarm				
Reverse Lights				
Beacon				
Horn				
Gauges/Warning Lights/Alarms				
Relays/Fuses/Breakers				
G.E.T	Pass	Fail	N/A	Comments and Faults
Blade condition				
Cutting edge				
Scarifiers Quantity				
Rippers Quantity				
BRAKE FUNCTION TEST	Pass	Fail	N/A	Comments and Faults
P/Brake Hold RPM				
Service Brake Hold RPM				
Combined Brake Hold RPM				

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			

Blade Measurements



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

GET Condition

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

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: