



Mechanical and Safety Inspection

General

SMS-MN-INS-0004

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				
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				
Dipper Arm Cylinder				
Bucket Cylinder				
Side shift Cylinders				
Wheel lean Cylinders				
Steering Cylinders				
Water Cannon Cylinders				
PTO Shaft & Coupling, Safety guards				
Hyd/Trans cooler/mounts				
Wet Brake cooler/mounts				
Hose Condition/Clamps/P clamps				
TRANSMISSION	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil leaks				
Prop Shaft & Uni's				
Operation				
Retarder				
Electrical connections				
Shift levers/Pad				
PTO	Pass	Fail	N/A	Comments and Faults
Oil Level				
Oil Leaks				
Mounting Points				
ROAD REGISTERED	Pass	Fail	N/A	Comments and Faults
Jack				
Wheel Brace				
Spare Tyre Removal Brace				
Road Triangles				
First Aid Kit				
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				

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				
SUSPENSION	Pass	Fail	N/A	Comments and Faults
Front struts/Level (mm)				
Middle axle suspension				
Rear axle suspension				
Rods & Links				
A Frame movement				
FRAME/ARTIC	Pass	Fail	N/A	Comments and Faults
Steering Linkages				
Fire Extinguisher Date				
2 nd Fire Extinguisher Date				
Fire Suppression System / Date				
Fire Suppression Bottle / Date				
Rear frame				
Auto Greaser/Level/Lines				
Cab Jack				
ELECTRICS	Pass	Fail	N/A	Comments and Faults
Batteries and Clamps				
Rubber over battery				
Acid level\Cables				
Headlights				
Work lights				
Indicators				
Brake lights				
Reverse/Travel alarm				
Reverse Lights				
Beacon				
Horn				
Gauges/Warning Lights/Alarms				
Relays/Fuses/Breakers				
Tyre Pressures				
BRAKE FUNCTION TEST	Pass	Fail	N/A	Comments and Faults
P/Brake Hold RPM				
Service Brake Hold RPM				
Combined Brake Hold RPM				

TYRE INSPECTION			
Wheel Position	Average Tread Depth	Comments and Faults	
Pos 1			
Pos 2			
Pos 3			
Pos 4			
Pos 5			
Pos 6			
Pos 7			
Pos 8			
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			
Wheel Chocks/ brackets			
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			

Inspections Carried Out By

Name:

Signature: