

|  |
| --- |
| Mechanical and Safety On-Hire / Off-Hire –  Dump Truck  SMS-MN-INS-0008 |

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Number | Issue Date | Prepared/Reviewed By | Approved By |
| 01 | 15/10/2019 | Dan Ayres | Stephen Sweeney |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Machinery Inspection Check List**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | | **Customer:** | | | | | **Location:** | | | |
| **Plant No** |  | | **Model** | |  | | | **Hours** | |  |
| **Serial Number** | |  | | |
| **Name and Signature** | | | |  | |  | | | | | |
| **Position** | | | |  | | | | | | |
| ***NEXT SERVICE DUE AT*** | | | |  | | Work Order N# | | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  |  |  |  |
| Horn Operation |  |  |  |  |
| Gauges |  |  |  |  |
| Hour Meter |  |  |  |  |
| **ENGINE** |  |  |  |  |
| 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 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ENGINE** | **Pass** | **Fail** | **N/A** | **Comments and Faults** |
| Exhaust system |  |  |  |  |
| Charge air cooler & pipes |  |  |  |  |
| EVB operation |  |  |  |  |
| Fan Guards |  |  |  |  |
| Safety Decals |  |  |  |  |
| Paint |  |  |  |  |
| Heater Taps On- No Leaks |  |  |  |  |
| Check intake system for leaks |  |  |  |  |
| **HYDRAULICS** |  |  |  |  |
| Oil Level |  |  |  |  |
| Hyd. Tank condition |  |  |  |  |
| Hyd. Pump operation |  |  |  |  |
| Control Valves/Leaks |  |  |  |  |
| Lift/Tip/Boom/Hoist Cylinders |  |  |  |  |
| Steering Cylinders |  |  |  |  |
| Water Cannon 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** |  |  |  |  |
| Oil Level |  |  |  |  |
| Oil leaks |  |  |  |  |
| Prop Shaft & Uni’s |  |  |  |  |
| Operation |  |  |  |  |
| Retarder |  |  |  |  |
| Electrical connections |  |  |  |  |
| Shift levers/Pad |  |  |  |  |
| **PTO** |  |  |  |  |
| Oil Level |  |  |  |  |
| Oil Leaks |  |  |  |  |
| Mounting Points |  |  |  |  |
| **BRAKES** |  |  |  |  |
| Oil/Fluid Level |  |  |  |  |
| Actuators |  |  |  |  |
| Brake Peddle |  |  |  |  |
| Hose/Pipes |  |  |  |  |
| Park Brake |  |  |  |  |
| Park Brake Pad Wear |  |  |  |  |
| Park Brake Disc Thickness (mm) |  |  |  |  |
| 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 |  |  |  |  |
| **SUSPENSION** |  |  |  |  |
| Front struts/Level (mm) |  |  |  |  |
| Middle axle suspension |  |  |  |  |
| Rear axle suspension |  |  |  |  |
| Rods & Links |  |  |  |  |
| A Frame movement |  |  |  |  |
| **FRAME/ARTIC** |  |  |  |  |
| Steering Linkages |  |  |  |  |
| Fire Extinguisher Date |  |  |  |  |
| 2nd Fire Extinguisher Date |  |  |  |  |
| Fire Suppression System / Date |  |  |  |  |
| Fire Suppression Bottle / Date |  |  |  |  |
| Auto Greaser/Level/Lines |  |  |  |  |
| **ELECTRICS** |  |  |  |  |
| 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 |  |  |  |  |
| Tray Float |  |  |  |  |
| Relays/Fuses/Breakers |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
| **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 |  |  | |  | |
| 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 |  |  | |  | |
| **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.

|  |  |  |  |
| --- | --- | --- | --- |
| Date: |  | Inspector Name: |  |
| Company: |  | Equipment / Vehicle Make and Model: |  |
| Current Location: |  | Vehicle Serial / Registration: |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Please ✓ | |  |
| The following areas have been inspected and free from dirt and vegetation | Y | N | Comments |
| 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 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| SMS Rental Manager to Sign Off: | | SMS Supervisor or Senior Supervisor Sign Off (to confirm inspection): | |
| Name: |  | Name: |  |
| Position: |  | Position: |  |
| Signature: |  | Signature: |  |
| Date: |  | Date: |  |

**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** |  | | | | | |  | | | | | |  | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Tray Measurements**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | HB-1 | | | |  |  |  |  |  |
|  |  |  |  |  | HB-2 | HB-3 | | HB-4 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | |  |  |  | HBT-1 | | | |  |  |  |  | |
|  |  |  |  |  |  |  |  |  |  |
| LS-1 | |  | LST-1 |  | FL-1 | | FL-2 | |  | RST-1 |  | RS-1 | |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | FL-3 | | FL-4 | |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | FL-5    FL-7 | | FL-6 | |  |  |
| LS-2 | |  |  |  |  | RS-2 | |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Part ID** | **New Thickness (mm)** | **New Cost Including Fitment** | **Cost Per (mm)** | **Most Worn measurements (mm)** | | **Total worn (mm)** | **Cost Of Wear** |
|  | **On-hire** | **Off-Hire** |
| HB-1 |  |  |  |  |  |  |  |
| HB-2 |  |  |  |  |  |  |  |
| HB-3 |  |  |  |  |  |  |  |
| HB-4 |  |  |  |  |  |  |  |
| HBT-1 |  |  |  |  |  |  |  |
| FL-1 |  |  |  |  |  |  |  |
| FL-2 |  |  |  |  |  |  |  |
| FL-3 |  |  |  |  |  |  |  |
| FL-4 |  |  |  |  |  |  |  |
| FL-5 |  |  |  |  |  |  |  |
| FL-6 |  |  |  |  |  |  |  |
| FL-7 |  |  |  |  |  |  |  |
| LS-1 |  |  |  |  |  |  |  |
| LS-2 |  |  |  |  |  |  |  |
| LST-1 |  |  |  |  |  |  |  |
| RS-1 |  |  |  |  |  |  |  |
| RS-2 |  |  |  |  |  |  |  |
| RST-1 |  |  |  |  |  |  |  |
| **Wear Total** | | | | | | |  |
|  | | | | | | | |
|  | | | | | | |  |
|  | | | | | | |  |
|  | | | | | | |  |
|  | | | | | | |  |
| **Damage Total** | | | | | | | **$0** |
|  | | | | | | | |
| **Total Tray Cost** | | | | | | |  |