

# Mobile Equipment Reliability Checklist

Equipment Description			
Asset Number			
Date:		Name	
<b>Reliability Observations</b>			
<p>The following observation checklist is provided to assist in identifying equipment reliability improvements at your site. When observing an asset look at its function, its location and operation and identify all issues that prevent it running trouble free its entire life. Circle the equipment type and make observations as appropriate. <b><i>If the system is working, your observations should align with operator pre-start check lists (current) and with system PM requests/work orders.</i></b></p>			
<b>Function</b>			
<b>Location</b>			
<b>Operation</b>	<b>Criteria</b>	<b>Your Observation</b>	<b>Suggested Action</b>
➤ Look	Are contents escaping?		
➤ Listen	Odd noises		
➤ Touch (safely)	Odd Vibration, Temp		
➤ Smell	Odd Odours		
<b>Equipment Type</b>	<b>Observation</b>		
<b>Truck</b>			
Cab condition	Windows, seat, steering, air con		
Body Condition	Critical damage, cracks		
Induction system (& Exhaust system)	Emission colour / damage		
Engine	Noise – unusual sounds		
Hydrocarbon leaks	Engine, transmission, other		
Tyre Inspections	Inflation, cracks, debris		
<b>Loader/ I.T</b>			
Bucket Condition	Critical damage / teeth wear & cracks		
Cab condition	Windows, seat, steering, aircon		
Body Condition	Critical damage, cracking		
Induction system (& Exhaust system)	Emission colour / damage – NOX		
Engine	Noise – unusual sounds		
Hydrocarbon leaks	Engine, transmission, other		
Tyre Inspections	Inflation, cracks, debris		
<b>Shovel</b>			
Bucket and Boom Condition	Critical damage / teeth wear & cracks		
Cab condition	Windows, seat, steering		
Body Condition	Critical damage/ cracking		
Exhaust system	Emission colour / damage		
Engine	Noise – unusual sounds		
Hydrocarbon leaks	Engine, transmission, other		
<b>Drills</b>			
Cab condition	Windows, seat, steering		
Body & Boom Condition	Critical damage – Cradle, drifter, knuckle		
Exhaust system	Emission colour / damage		
Engine	Noise – unusual sounds		
Hydrocarbon leaks	Engine, transmission, other		
<b>Personal Actions to Do</b>	<b>Task</b>	<b>Due Date</b>	