


SCOPE OF WORKS FOR PREVENTIVE MAINTENANCE

SKYLOADERS

				
Equipment No. :				JOB No. :
Hourmeter Reading :				Date :
Mechanical Checks By :				S/No. :
Electrical Checks By :				S/No. :
Tested By :				S/No. :
S/n	Item Description	"A" check	"C" check	Remark
	ENGINE			
1	Engine oil & filter			
2	Oil & fuel leaks			
3	Engine mounting			
4	Exhaust system leakage/ mountings			
5	Crankcase emission system hoses & tube fittings			
6	oil sump gasket			
7	Noisy components (worn, loose)			
8	Rocker gasket cover			
9	valve tappet clearance			
10	Timing cover gasket seal			
11	Drain plug & gasket			
12	Cylinder head & nuts			
	FUEL SYSTEM			
1	Air filter, assembly.			
2	Fuel filter, primary (tank side)			
3	Fuel filter secondary (fuel pump)			
4	Fuel injection pump			
5	Fuel Injectors, pipe			
6	Fuel tank & cap			
7	Accelerator & Throttle linkage			
8	Accelerator/ brake pedal			
9	Gear lever linkage			
10	Air cleaner rubber ducting			
	COOLING SYSTEM			
1	Fan belts & pulley			
2	Water pump assembly			
3	Radiator assembly & parts			
4	Cooling system leaks			
	AUTOMATIC TRANSMISSION			
1	Transmission mounting			
2	Transmission oil, cooler fin & hose			
3	Transmission oil seal			

4	Wheel assembly, nuts & tyres			
5	Tyre pressure			
6	Drive shaft & 'U' joints			
7	Axle oil			
	HYDRAULIC SYSTEM			
1	Hydraulic tank/ cap & view glass			
2	Hydraulic pump & motor			
3	Control valves (Manual)			
4	Hydraulic hoses, piping & union fittings			
5	Conveyor lift hoist & cylinder			
6	Conveyor belt, sprocket & chain			
7	Hydraulic pump belt & bracket			
8	Transmission oil			
9	Transmission oil screen			
10	Axle bearing & seal			
11	Front wheel bearings			
12	Rear axle			
	BRAKE			
1	Master pump & reservoir			
2	Hoses, pipes & connections			
3	Parking brake hand lever & cable			
4	Wheel cylinders			
5	Disc pad, brake calliper			
6	Brake shoes			
7	Brake discs/drums			
8	Brake pedal pad			
9	Cable & actuating lever			
	STEERING			
1	Steering wheel & column			
2	Steering pump, cylinder assembly			
3	Steering cylinder, rubber bushes			
4	Linkages & ball joints			
5	King pin & bushes			
6	Wheel alignment			
7	shock absorbers & spring			
	BODYWORK			
1	Engine cover, hinges & hooks			
2	Seat			
3	Safety stands			
4	Conveyor bumper & bracket			
5	Conveyor canopy & safety rails			
6	Conveyor boom structure			
7	Safety tyre choke & chain			
8	Tow bracket, pin & bumper			
9	Paintworks			
	ELECTRICAL SYSTEM			
1	Battery, terminals, terminal covers			

2	Battery bracket mounting & cover			
3	Alternator			
4	Speedometer, hourmeter, fuel gauge & sender unit			
5	Heater plugs, controller & relays			
6	Toggle switch, operation			
7	Emergency button switch, operation			
8	Gear interlock system			
9	Conveyor operation switches & relays			
10	Head light, dashboard & all lightings			
11	Wiring & Terminals			
12	VIU (fuel management system)			
13	Starter motor & Solenoid			
14	Volt meter			
15	Camera functionality			
	UNDERCARRIAGE			
1	Chassis, corrosion			
2	Cross member, cracks			
3	Signs of dents, accident			
4	Fire extinguisher expiry date			
STACK UNSERVICEABLE BATTERIES IN THE SCRAP METAL YARD, NOT IN WORK BAY.				

Legend		
'A' service (TAT - 1 day)	=	Once in 6 weekly
'C' service (TAT - 3 days)	=	Once in 54 weeks
*	-	Change according to hour meter reading/condition
Annual servicing sequence	=	A-A-A-A-A-C


SCOPE OF WORKS FOR PREVENTIVE MAINTENANCE

Towable Skyloader

sats GATEWAY		TOWED SKYLOADER "A" PREVENTIVE MAINTENANCE CHECKLIST		
VEHICLE / EQUIPMENT NO :		JOB NO :		
KMS / HRS READING :		DATE :		
<p>EQUIPMENT MUST BE WARMED UP PRIOR TO TESTING. ALL ITEMS MUST BE THOROUGHLY CHECKED BEFORE SERVICING OR CHANGING OF PARTS</p>				
Mechanical Checked By : S/N : Signed : Electrical Checked By : S/N : Signed : Tested By : S/N : Signed :				
S/n	Item Description	Service Instruction	Check	Remarks
A	GENERAL ENGINE CONDITION			
1	Engine oil	change		
2	Engine oil filter (Change every 12 months)	Check/change		
3	Oil & fuel leaks	check		
4	Noisy components (worn, loose)	check/tighten		
5	Engine mounting	check		
6	Drain plug & gasket	check		
B	FUEL SYSTEM			
1	Air cleaner filter (Change every 12 months)	check/clean/change		
2	Air cleaner rubber ducting	check/clean		
3	Fuel filter, primary (fuel tank)	check		
4	Sediment bowl	check/clean		
5	Fuel tank cap & rubber seal	check		
6	Throttle linkage	check		
C	BRAKE & WHEEL			
1	Cable & actuating lever	adjust		
2	Tow bar brake	adjust		
3	Wheel assembly, nuts & tyres	check		
4	Tyre pressure	check		
5	Brake efficiency	check		
D	TOWING			
1	Tow bar condition	check		
2	Turn table	check/lub.		
3	Linkages & joints	lub		
4	Tow bar pin	check		
E	HYDRAULIC			
1	Boom operation	check		
2	Belting operation and condition	check		
3	Hydraulic oil level and cap	check		
4	Oil leakage	check		
5	Hoses and piping	check		
6	Change hydraulic oil every 12 months	Change		
F	BODYWORK			
1	Extension railing and handrail	check		
2	Front and rear bumper	check		
3	Body corrosion	touch up		
G	ELECTRICAL SYSTEM			
1	Battery, terminal & terminal covers	check/clean		
2	Emergency switch	Test		
3	Alternator & Charging	check		
4	Starter motor & solenoid/ Ignition switch	check		
5	Hourmeter	check		
6	Voltmeter/ Ammeter	check		
7	Fuel gauge/ sender unit	check		
8	Toggle switches	check		
9	Apron light	check		
10	Safety interlock	check		
11	Fire Extinguisher Expiry Date			

SCOPE OF WORKS FOR PREVENTIVE MAINTENANCE

Towable Passenger Step


		SATS MAINTENANCE CENTRE TOWED PAX STEPS PREVENTIVE MAINTENANCE CHECKLIST			
Equipment No. :		JOB No. :			
Hourmeter Reading :		Date :			
Mechanical Checks By :		S/No. :	Sign :		
Electrical Checks By :		S/No. :	Sign :		
Tested By :		S/No. :	Sign :		
S/n	Item Description	Service	Check	Remarks	
A	GENERAL ENGINE CONDITION	Instruction			
1	Engine oil	change			
2	Engine oil filter (Change every 12 months)	Check/change			
3	Oil & fuel leaks	check			
4	Noisy components (worn, loose)	check/tighten			
5	Engine mounting	check			
6	Drain plug & gasket	check			
B	FUEL SYSTEM				
1	Air cleaner filter (Change every 12 months)	check/clean/change			
2	Air cleaner rubber ducting	check/clean			
3	Fuel filter, primary (fuel tank)	check			
4	Sediment bowl	check/clean			
5	Fuel tank cap & rubber seal	check			
6	Throttle linkage	check			
C	BRAKE & WHEEL				
1	Cable & actuating lever	adjust			
2	Tow bar brake	adjust			
3	Wheel assembly, nuts & tyres	check			
4	Tyre pressure	check			
5	Brake efficiency	check			
D	TOWING				
1	Tow bar condition	check			
2	Turn table	check/lub.			
3	Linkages & joints	lub			
4	Tow bar pin	check			
E	HYDRAULIC				
1	Stairs operation	check			
2	Stairs operation and condition	check			
3	Hydraulic oil level and cap	check			
4	Oil leakage	check			
5	Hoses and piping	check			
6	Change hydraulic oil every 12 months	Change			
F	BODYWORK				
1	Handrail & Canopy	check			
2	Front and rear bumper	check			
3	Body corrosion	touch up			
G	ELECTRICAL SYSTEM				
1	Battery, terminal & terminal covers	check/clean			
2	Emergency switch	Test			
3	Alternator & Charging	check			
4	Starter motor & solenoid/ Ignition switch	check			
5	Hourmeter	check			
6	Voltmeter/ Ammeter	check			
7	Fuel gauge/ sender unit	check			
8	Toggle switches	check			
9	Apron light	check			
10	Safety interlock	check			
H	OTHERS				
1	Fire Extinguisher Expiry Date (where applicable)				

Legend

- 'A' service (TAT - 1 day) = Once in 12 weekly
- * - Change according to hour meter reading/condition.

SCOPE OF WORKS FOR PREVENTIVE MAINTENANCE

Passenger Step

		PASSENGER STEPS PREVENTIVE MAINTENANCE CHECKLIST	
VEHICLE / EQUIPMENT NO :		JOB NO :	
KMS / HRS READING :		DATE :	
EQUIPMENT MUST BE WARMED UP PRIOR TO TESTING. ALL ITEMS MUST BE THOROUGHLY CHECKED BEFORE SERVICING OR CHANGING OF PARTS			
Mechanical Checked By : S/N : Signed :			
Electrical Checked By : S/N : Signed :			
Tested By : S/N : Signed :			
S/n	Item Description	Check	Remarks
ENGINE			
1	Engine oil		
2	Engine oil filter		
3	Oil & fuel leaks		
4	Rocker cover gasket		
5	Crankcase breather element		
6	Oil sump gasket		
7	Engine idling & maximum no load speed		
8	Engine mounting		
9	Timing cover gasket seal		
10	Drain plug & gasket		
11	Exhaust system & mounting		
INLET/FUEL SYSTEM			
1	Air cleaner filter		
2	Air cleaner rubber ducting		
3	Fuel filter, primary (fuel tank)		
4	Fuel filter, secondary (fuel pump)		
5	Sediment bowl		
6	Injectors & pipes		
7	Injection pump		
8	Lift pump		
9	Fuel tank cap		
10	Throttle linkage		
11	Accelerator pedal & pad		
COOLING SYSTEM			
1	Fan belt		
2	Water pump, fan blade & pulley		
3	Radiator & expansion tank		
4	Radiator cap, hoses & mounting		
5	Cooling system leaks		
AUTO-TRANSMISSION			
1	Gear lever linkage & indicator		
2	Transmission mounting		
3	Transmission oil		

	PASSENGER STEPS PREVENTIVE MAINTENANCE CHECKLIST		
S/n	Item Description	Check	Remarks
	CON'T AUTO-TRANSMISSION		
4	Transmission filter		
5	Transmission cooling fins/ hoses		
6	Transmission oil seal		
7	Transmission breather element		
8	Speed cable & mounting		
9	Drive shaft & 'U' joints		
10	Axle oil, bearings & seals		
	BRAKE / WHEEL		
1	Master pump & reservoir		
2	Wheel cylinders		
3	Brake shoe & lining		
4	Brake pedal pad		
5	Air reservoir		
6	Air pressure gauge		
7	Air brake regulator		
8	Wheels assembly, Tyre pressure, nuts & tyres		
9	Hoses, pipes, connections & leaks		
10	Parking brake hand lever		
11	Cable & actuating lever		
12	Brake drum		
13	Brake booster		
14	Brake efficiency		
	BODYWORK		
1	Engine cover, hinges & hooks		
2	Seat, side mirrors & wind screen		
3	Safety stands & ladders		
4	Extension platform & side shift		
6	Roller shutter, van-body & canopy		
7	Van-body platform & ladder		
8	Cabin platform/ driver step		
9	Safety box & bars		
10	Scissors arm, bearings, rollers & centre pin		
11	Folding gate, cross gate & side shift cable		
12	Wheel choke & chain		
13	Tow bracket, pin & bumper		
	STEERING		
1	Steering wheel & column		
2	Steering pump assembly/ Reservoir		
3	Linkages & ball joints		
4	Steering box assembly		
5	Suspension & undercarriage		
6	Pipes, hoses & joints connection		

sats GATEWAY		PASSENGER STEPS PREVENTIVE MAINTENANCE CHECKLIST		
S/n	Item Description	Check	Remarks	
ELECTRICAL SYSTEM				
1	Battery/ terminals & terminal covers			
2	Battery, bracket mounting & cover			
3	Alternator & Charging			
4	Starter motor, solenoid & ignition switch			
5	Speedometer, hourmeter			
6	Hourmeter			
7	Fuel gauge/ sender unit			
8	Dashboard lights/ driver fan			
9	Head lights/ tail light & flood light			
10	Apron & side clearance lights			
11	Van-body interior light			
12	Van-body warning light			
13	Body limit switch 14 inch (Stabilizer up)			
14	Wiper motor, arms & blades			
15	Wiring & Terminals			
16	PTO solenoid & switch			
17	High temperature engine shut down device			
18	Toggle & Button switches operation			
19	Emergency motor & switch operation			
20	Gear interlock system			
21	Auto grease system			
22	VIU (fuel management system)			
23	Camera functionality			
HYDRAULIC SYSTEM				
1	Hydraulic Tank			
2	Hydraulic filter			
3	Hydraulic tank cap & view glass			
4	Hydraulic pump			
5	Hydraulic pressure setting			
6	Hydraulic control valves			
7	Stabiliser & check valve			
8	Hydraulic hoses, piping & union fitting			
9	Main cylinder (stairways)			
10	Stairway lock cylinders			
11	Test hydraulic operation & check for leaks			
12	Hand pump operation			
BODY & UNDERCARRIAGE				
1	Body dented			
2	Chassis condition			
3	Fire Extinguisher			

Legend

'A' service (TAT - 1 day)

=

Once in 9 weekly

'C' service (TAT - 3 days)

=

Once in 54 weeks

*

-

Change according to hour meter reading/condition.

Annual servicing sequence

=

A-A-A-A-A-C