

WORX Equipment - Asset Inspection Report

Project Name:		Project No:	
Asset No:	21135	Date:	30-05-18
Owner:	Minespec Parts	Make:	CAT
Model:	777C	Serial No:	4XJ00993
Engine Model:	3508B	Engine Serial No:	7YG01575
Engine Arr No:	121-5777	SMU/Km's:	42463

Item	Component	N/A	Good	Fair	Repair	Comment
SAFETY						
1	Lockable battery isolator (Red with sign)			X		
2	Lockable starter motor isolator (Yellow with sign)			X		
3	Auto LOP fire suppression. Tag date:			X		
4	Hand held fire extinguisher(s). Tag date/s:			X		
5	Accident damage		X			
6	ROPS and FOPS fitted. Cert. Tag: ROPS Serial #			X		
7	Access steps, ladders, handrails and platforms			X		
8	Mudflaps, guards, covers, shields and latches			X		
9	Seat belts: Test operation and check for fraying			X		
	Record seat belt date:					
10	Operator seat: Condition, suspension operation and arm rests			X		
11	Operator seat safety strap is in placed and connected			X		
12	Mounted wheel chocks and bracket		X			
13	Emergency shut downs fitted and operational		X			
14	Site two way radio fitted and operational	X				
15	First aid kit. Decal on door	X				
16	Effective guarding: all belts, pulleys, fans, shafts etc		X			
17	Safety decals fitted to appropriate places			X		

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Item	Component	N/A	Good	Fair	Repair	Comment
18	DG3 reflective striping (50mm – 75mm)	X				
19	Plant identification clearly visible from all sides			X		
CAB AND OPERATION STATION						
20	Vehicle Height stickers affixed inside the cabins of mobile plant	X				
21	General condition inside cab.			X		
22	General condition of outside of cab			X		
23	Cab mountings, bolts and structure			X		
24	Panels, mirrors and brackets			X		
25	Doors, handles, locks and seals			X		
26	Condition of dash panel, console			X		
27	Windows, winders and rubbers			X		
28	Windscreen wipers and washers			X		
29	Floor, walls, roof, linings and upholstery			X		
30	Cab Pressuriser: Condition, filter and operation			X		
31	Heater: Controls and operation			X		
32	Air conditioner: Vents, controls and operation			X		
33	Switches and controls: Operation and identification			X		
34	Decals on switches and controls			X		
35	Adequate access, egress and emergency exit			X		
36	Seats and arm rest(s)			X		
ELECTRICAL - Extra Low Voltage (voltage less than 50V AC or 120V DC)						
37	Batteries, terminals and hold down clamps		X			REQUIRE CHARGING
38	Battery: Terminals, hold down clamps and covers		X			
39	General condition of wiring harnesses and clamps		X			
40	Alternator charging circuit		X			
41	Starter motor(s) operational		X			
42	Dash / console gauges, switches and labels			X		
43	Door open / park brake off alarm	X				
44	Reverse alarm and lights		X			

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Item	Component	N/A	Good	Fair	Repair	Comment
45	Reverse camera	X				
46	Travel alarm	X				
47	Interior light, warning light and alarm			X		
48	High mounted combination rear lights			X		
49	Work lights: rear, sides, front			X		
50	Tail lights, stop lights and headlights			X		
51	Headlights on with ignition, and appropriate decal			X		
52	Indicator / hazard lights			X		
53	Horn operation			X		
54	External VIMS warning light (BLUE)	X				
55	Revolving beacon(s), permanent mount	X				
56	Jump-start receptacle, with voltage decal			X		
AIR CONDITIONING SYSTEM						
57	Air con compressor, pullies and drive system			X		
58	Air con condenser, evaporator, hoses and valves			X		
59	Air con controls and operation			X		
60	Operation of fan speeds			X		
61	Record ambient and vent temperatures. Ambient: °C Vent: °C					
62	Measure cabin temp reaches minimum 18°C.					
ENGINE						
63	Oil level		X			
64	Check for engine oil leaks			X		MINOR VARIOUS LEAKS
65	Pre-cleaner, air cleaner, induction pipes and clamps			X		
66	Intake and exhaust manifolds studs / nuts			X		
67	Exhaust studs, rings, pipes and clamps			X		
68	Muffler, extension and clamps			X		
69	Turbo chargers and oil lines			X		
70	Fuel screen, filters, lines			X		

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Item	Component	N/A	Good	Fair	Repair	Comment
71	Fuel pump / injection pump			X		
72	Injection pipes and clamps			X		
73	Throttle linkages, pins / bushes			X		
74	Sensors and wiring			X		
75	Low idle RPM:		X			
76	High idle RPM:		X			
77	Blow-by, exhaust smoke, noises		X			
COOLING SYSTEM						
78	Coolant leaks		X			
79	Radiator: Mounts, core, tanks and cap			X		
80	Lever-action pressure release radiator cap/s or level indicator			X		
81	Coolant level		X			
82	Conditioner	X				
83	Coolant pipes, hoses and clamps			X		
84	Heater taps and hoses			X		
85	Fan, shrouds and guards		X			
86	Fan bearings, pulley/s, belt/s and drives		X			
87	Water pump, thermostats and coolers		X			
88	Sensors and wiring			X		
89	Monitoring system, condition. Type:	X				
TORQUE CONVERTOR AND TRANSMISSION						
90	Oil levels		X			
91	Oil leaks: pipes, hoses, seals			X		
92	Condition of pipes, hoses and clamps			X		
93	Transmission oil pump			X		
94	Transmission oil cooler			X		
95	Mountings, flanges and bolts			X		
96	Check gear selection and for any slippage		X			
97	Linkages and operation			X		

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Item	Component	N/A	Good	Fair	Repair	Comment
98	Gauges			X		
99	Drive motors and their brakes			X		
100	Electronic control and wiring			X		
TRANSFER BOX / PUMP DRIVE BOX / PTO						
101	Oil level(s)		X			
102	Oil leaks, seals			X		
103	Bearings / splines / coupling movement			X		
104	PTO shaft and universal joints			X		
105	Mountings			X		
106	Sensors and wiring			X		
HYDRAULICS						
107	Oil level		X			
108	Oil filters and breathers			X		
109	Check for oil leaks			X		
110	Condition of hoses / pipes / seals or damage			X		
111	Mountings, flanges, clamps etc			X		
112	Hydraulic pump/s, motors			X		
113	Hydraulic oil cooler/s			X		
114	Hyd Cylinders			X		
115	Hyd rotary connections			X		
116	Hydraulic control valve/s			X		
117	Main valve body adjustment. Check for leaks			X		
118	Hand controls and linkages			X		
119	Cylinder drift rate satisfactory		X			
120	Monitoring system	X				
ARTICULATION HITCH						
121	Pins and bearings: upper and lower	X				
122	Grease lines	X				
123	Articulation cylinders, bushes and pins	X				
124	Articulation lock, pins and keepers	X				

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Item	Component	N/A	Good	Fair	Repair	Comment
125	Articulation "Warning" decal	X				
FRONT AXLE ASSEMBLY						
126	Diff oil level. Oil leaks		X			
127	Final drive oil levels. Oil leaks		X			
128	Front wheel bearings: oil levels / oil leaks		X			
129	Breathers for blockage or leaks			X		
130	Spindle assemblies			X		
131	Oscillating bearings and seals			X		
132	Mountings and bolts			X		
133	Sensors and wiring			X		
134	Noises:	X				
REAR AXLE ASSEMBLY						
135	Diff oil level(s). Oil leaks		X			
136	Final drive oil levels. Oil leaks		X			
137	Breathers for blockages or leaks			X		
138	Trunnion(s), oscillating bearings and seals			X		
139	"A" frame ball joint			X		NO MOVEMENT
140	Dog-bone bearings and pins					MINIMAL MOVEMENT
141	Mountings and bolts			X		
142	Sensors and wiring			X		
143	Test drive if applicable. Noises:		X			
BRAKES						
144	Warning devices: light, buzzer		X			
145	Monitoring system: gauges etc			X		
146	Accumulators: gauges etc			X		
147	Air compressor and governor			X		
148	Air tank condition	X				
149	Air tank relief	X				
150	Drain valves and "Drain Daily" decals	X				

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Item	Component	N/A	Good	Fair	Repair	Comment
151	Air / oil leaks				X	ONLY PUMPS TO 30 PSI
152	Hoses, pipes and clamps			X		
153	Brake chambers / master cylinder			X		
154	Front brakes: Condition and adjustment			X		
155	Rear brakes: Condition and adjustment			X		
156	Park brake: Condition and adjustment			X		
157	Service brake operation:			X		
158	Park brake operation			X		
159	Emergency brake operation			X		
160	Retarder operation			X		
161	Transmission neutraliser brake valve and switch			X		
STEERING						
162	Switches, warning light, decals			X		
163	Oil level (steering tank)		X			
164	Steering pump, reservoir and vee belt			X		
165	Steering box / HMU / control valve			X		
166	Steering wheel. Tilt mechanism. Column			X		
167	Pipes, hoses and clamps			X		
168	Oil leaks			X		
169	Steering cylinders and condition of rods			X		
170	Tie rod ends / ball joints			X		
171	Bell crank, pins and bushes			X		
172	Steering operation: test			X		
173	Emergency steering system: test			X		
SUSPENSION						
174	Pos 1 strut – Leaks,pins,bushes			X		
175	Pos 2 strut – Leaks,pins,bushes			X		
176	Pos 3 strut – Leaks,pins,bushes			X		
177	Pos 4 strut – Leaks,pins,bushes			X		

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Item	Component	N/A	Good	Fair	Repair	Comment
FRAME / CHASSIS						
178	General condition of chassis			X		
179	Cracks / rust / damage			X		
180	Bumper bar / pads / bull bar			X		
181	Tow hitch / tow bar / pin			X		
182	Belly plates			X		
183	Fuel tank, pipes and hoses			X		
184	Fuel leaks	X				
185	Quick-fill fitted, dust cap, breather and hose			X		
186	Wiggins fast-fill connections			X		
DRIVELINES						
187	Movement in drivelines			X		
188	Driveline alignment, wear in splines			X		
189	Centre carrier bearing			X		
190	Condition of universal joints			X		
191	Oil leaks from any input / output shaft seals			X		
TYRES WHEELS AND RIMS						

Item No	Pos	Make	Size	Pattern	Depth		Tyre Number	Rim Number	Comments
					In	Out			
192									
193									
194									
195									
196	P5								
197	P6								

Item No	Component	N/A	Good	Fair	Repair	Comment
GENERAL						

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Item No	Component <small>Note: All components to be checked for wear and condition. Each component must be ticked for condition/comments added</small>	N/A	Good	Fair	Repair	Comment
198	Paint condition			X		
199	Covers, stays, hinges and latches			X		
200	Auto lube system			X		
201	Fleet Number on two sides, front & rear				X	
202	logo	X				
BODY / TRAY						
203	General condition			X		
204	Lift cylinders, bearings, oil leaks			X		
205	Pipes, hoses and clamps			X		
206	Floor: liner plates			X		
207	Sides: liner plates / hungry boards			X		
208	Front end: liner plate			X		
209	Headboard			X		
210	Cracks, dents or damage			X		
211	Body stop rubbers and adjustment			X		
212	Hoist control mechanism and kick-outs			X		
BUCKET CONTROL ARMS / STICK						
213	Bucket control arms / pins and bushes	X				
214	Bucket / stick / arm / pins and bushes	X				
215	Z lineage assembly / bell-crank	X				
216	Pins and bushes	X				
217	Bucket cylinders / pins and bushes	X				
218	Bucket linkage	X				
219	Grease injectors, lines, hoses, fasteners	X				
220	Hoses, pipes, brackets and fasteners	X				
221	Damage / cracks / broken welds	X				
222	Kick out operation	X				
BUCKET / BLADE ASSEMBLY						
223	GET condition, wear plates, bars and type:	X				

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224	Front edge condition / corner tips	X				
225	Floor for wear and straightness	X				
226	Rock guards	X				
227	Mouldboard / wear / U wear plates	X				
228	Lift cylinders / trunnions / pins and bushes	X				
229	Tilt cylinders / pins and bushes	X				
230	Side shift cylinder and mechanism	X				
231	Blade tilt cylinder	X				
232	Hoses / seals / fasteners / oil leaks	X				
233	Circle shoes and adjustment	X				
234	Circle drive gearbox condition and clutch	X				
235	Circle drive gearbox oil level	X				
RIPPER / SCARIFIERS						
236	Mounting brackets	X				
237	Bush & Pin movement	X				
238	H frame assembly / pins and bushes	X				
239	Wear plates	X				
240	Damage / cracks / broken welds	X				
241	Lift cylinders / pins / oil leaks	X				
242	Tilt cylinders / pins / oil leaks	X				
243	Pipes / hoses / clamps	X				
244	Tynes	X				
245	GET condition and type:	X				
POS 1 TRACK FRAME (L/H - drive sprocket/tumbler to rear)						
246	Idlers	X				
247	Sprockets	X				
248	Carrier rollers	X				
249	Track rollers	X				
250	Track chain and track pads	X				

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251	Track adjuster	X				
252	Bogie's	X				
253	Track motor	X				
254	Track brake	X				
255	Pipes, hoses and clamps	X				
256	Equaliser bar, bearings and oil level	X				
POS 2 TRACK FRAME (R/H - drive sprocket/tumbler to rear)						
257	Idlers	X				
258	Sprockets	X				
259	Carrier rollers	X				
260	Track rollers	X				
261	Track chain and track pads	X				
262	Track adjuster	X				
263	Bogie's	X				
264	Track motor	X				
265	Track brake	X				
266	Pipes, hoses and clamps	X				
EXCAVATOR / SHOVEL						
267	Boom for cracks	X				
268	Boom pin, bush wear all positions	X				
269	Stick for cracks	X				
270	Stick pin, bush wear all positions	X				
271	Slew motor(s)	X				
272	Slew gearbox(s)	X				
273	Slew ring movement:	X				
274	Slew ring teeth: condition / wear / noises	X				
275	Slew grease: level / greasing evenly	X				
276	Machine house	X				
277	Main king pin	X				

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WATER CARTS						
278	Safety signs and decals	X				
279	Confined space decals	X				
280	Pump control panel operation / condition	X				
281	Water canon / hoses / operation / controls	X				
282	Foam system / hose reel	X				
283	Sprays and spray bars	X				
284	Hydraulic pump	X				
285	Hydraulic motor	X				
286	Water pump / coupling / mounting	X				
287	Drive coupling guarding	X				
288	Pipes / screw in hoses etc	X				
289	Steps, ladders, handrails	X				
290	General condition of tank	X				
291	Dents / cracks / leaks	X				
292	Tank internal and external rust / anodes	X				

Recommendations / Actions to be Taken:

- TRUCK HAS FLAT BATTERIES, IS IN REASONABLE CONDITION FOR ITS AGE.
- BLOW BY IS GOOD, FUEL BURN APPEARS TO BE GOOD (NO WHITE SMOKE) THIS TRUCK STARTS FINE WITH NO ASSISTANCE OTHER THAN A JUMP START.
- BRAKING SYSTEM IS EFFECTIVE, HOLDS ON SERVICE BRAKE AND RETARDER DURING STALL TEST
- STEERING HAS MINIMAL MOVEMENT AND FUNCTIONS WELL.
- TRANS/ DIFF FUNCTION WITHOUT ANY ISSUES OR NOISES. NO SLIPPAGE IN TRANSMISSION DURING TESTING
- HYD WORK WELL, HOIST CYLS RAISE AND LOWER WITHOUT ANY NOISES. CYCLE TIMES ARE ACCEPTABLE
- A-FRAME AND DOG BONE HAVE MINMAL MOVEMENT.
- PRIMARY ACCESS SYSTEM FUNCTIONS CORRECTLY
- THE GOVENER ON THE COMPRESSOR APPEARS TO BE FAULTY (TRUCK STARTED OK AND BIULT AIR TO BE ABLE TO DRIVE APPROXIMALTY FROM ITS IDLE PARK UP AREA TO THE TEST AREA, ONCE TEST WERE COMPLETED THE AIR PRESSURE WOULD OT BUILD OVER 30 PSI)
- SOME HEADLIGHTS REQUIRE REPLACEMENT

OVERALL THIS 777C REAR DUMP TRUCK IS IN GOOD CONDITION WITH NO EVIDENCE OF OIL LEAKS AFTER TESTING.

SIGNATURES / APPROVALS

Hired Plant Unit Owner Certification

I certify that the described plant has been and will continue (where not Worx Equipment.' Responsibility) to be serviced and maintained to the manufacturer's specifications by competent personnel in accordance with the manufacturer's recommendations.

Signature: _____

Date: _____

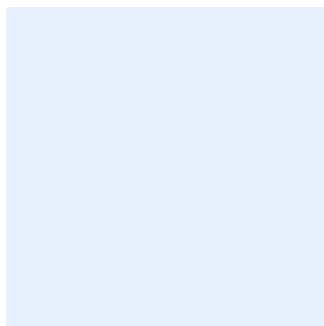
Print Name: _____

Position: _____

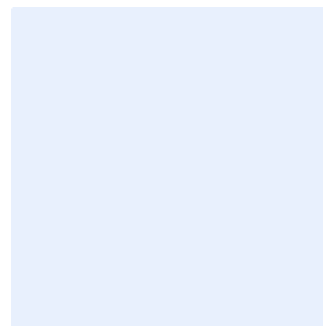
Asset Inspector Name: MICK SARICH
mick@cqmg.com.au 0437937037

Date: 30-05-2018

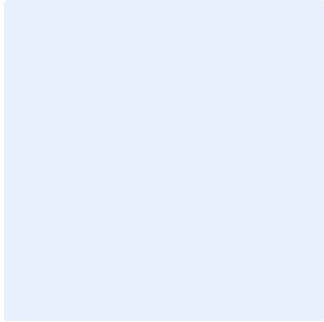
ATTACH PHOTOS



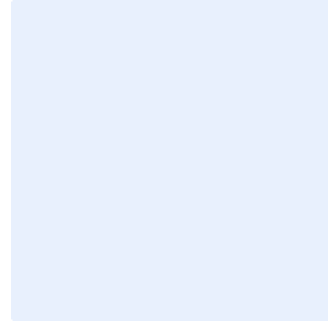
Front



Rear



LHS



RHS

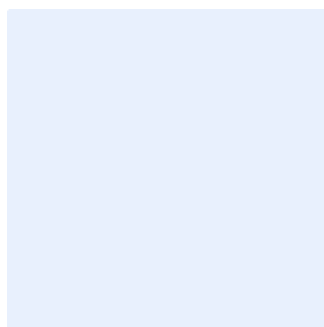


Figure 1

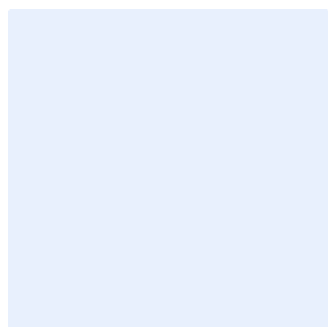


Figure 2