

## Telescopic Handler Annual Inspection (Slewing)



### Telehandler Details:

Manuf. Make/Model:		Date of Manufacture: / /20	
Asset No.:	Current Hours:	Max Rated Capacity: .....tonnes	Date First Commissioned: / /20
Serial No.:			Date - Inspn Completed: / /20

### Telehandler Owner Details:

Company Name: .....

Address: .....

### Inspector's Details:

Signature: I confirm that the Telehandler checks and inspections shown on this 'Annual Inspection' Report have been performed and the unit is fit for use subject to correct operation on site.

Signature:..... Print Name: .....

Qualifications:.....

Select and Initial One Option:	✓	X	NA
<b>General:</b>			
1. <b>Scheduled Maintenance</b> – Check Service History and arrange for service to be conducted if due. N.B. Service per Manuf. recommendations.			
2. <b>Manufacturer's Bulletins</b> – Ensure all Manufacturer's Service & Safety Bulletins have been conducted/complied with.			
3. <b>Logbook</b> – Review logbook for faults.			
4. <b>Load Chart</b> – Ensure in cab, not missing/damaged and is legible.			
5. <b>Operators Manual</b> – Check provided in cab.			
6. <b>Operation, Safety &amp; Warning Decals</b> – Ensure legible and fitted per Manufacturer's instructions, not missing/damaged.			
7. <b>Manufacturers ID Plate</b> – Ensure fitted and states compliance to: AS1418.19 2007 and AS1418.5 – Australian units supplied after Oct 2007			
<b>Engine:</b>			
8. <b>Fluid Levels</b> – Check engine oil, coolant levels, no leaks.			
9. <b>Fuel System</b> – No leaks. Fuel lines secured correctly and not chafing or damaged.			
10. <b>Exhaust System</b> – Not damaged or leaking.			
11. <b>Fan, Air Conditioner, Drive Belts &amp; Pulleys</b> – Check condition, tension, alignment and security ok.			
<b>Transmission:</b>			
12. <b>Fluid Levels</b> – Check transmission, axle and torque hub oil levels ok etc and no leaks.			
13. <b>Transmission Mounts</b> – Check not damaged or loose.			
14. <b>Drive Shaft</b> – Check no damage or undue wear. Universal joint mounting bolts tight.			
<b>Wheel &amp; Tyres:</b>			
15. <b>Tyre Specifications</b> – Check correct tyres are fitted as per Manufacturer's Specifications i.e. as per rating, ply, tyre pressure, etc shown on Load Chart.			
16. <b>Tyre Damage</b> – Check tyres not excessively damaged or worn, tyre pressures correct. N.B. See Load Chart in cab for tyre pressures.			
17. <b>Wheels &amp; Wheel Nuts</b> – Inspect wheels for damage and ensure wheel nuts are in place and torqued to Manufacturer's Specification.			
<b>Chassis:</b>			
18. <b>Guards/Panels</b> – Ensure all guards/panels are fitted and none loose or damaged.			
19. <b>Structural Components</b> – Check structural components for corrosion, cracks, wear and/or damage.			
20. <b>Structural Welds</b> – Visually check all structural welds for cracks.			
21. <b>Critical Fasteners, Retainers &amp; Pivot Pins</b> – Check all critical fasteners, retaining mechanisms and pivot pins are in place and properly secured/tight.			
22. <b>Counterweight (if fitted)</b> – Check counterweight securely attached (no missing or loose bolts etc).			

Select and Initial One Option:	✓	X	NA
23. <b>Fuel Tank</b> – Check mounts not damaged or loose.			
24. <b>Lifting &amp; Tie Down Lugs</b> – Check for cracks/damage.			
<b>Hydraulic System:</b>			
25. <b>Hydraulic Oil Reservoir</b> – Check level ok.			
26. <b>Major Hydraulic Components</b> – Check pumps, motors, cooler, etc not damaged or leaking oil.			
27. <b>Hoses &amp; Flexible Pipes</b> – Not excessively damaged or leaking.			
28. <b>Hydraulic Filters</b> – Check for leaks (return and transmission filters).			
29. <b>Hydraulic Cylinders</b> – Visually check the following: (i) No leaks or damage to cylinder rods. (ii) All welds for cracks. (iii) Fork Level Cylinder Mounting Lugs – Check no cracks. (iv) Cylinder pins not worn or cracked and keeper pins ok. (v) Hydraulic circuit pressures ok. (vi) Quick connectors (located at boom head) are tight, not damaged or leaking. (vii) Speeds of hydraulic movements are within Manufacturer's Specifications. (viii) Load holding valve operation. (ix) Boom Lift Cylinder – Conduct a creep test per Manufacturer's Instructions.			
<b>Brakes:</b>			
30. <b>Brake Fluid</b> – Check level ok.			
31. <b>Brake System</b> – Check the following: (i) Brake system for damage and leaks. (ii) Pipes, hoses, lines secured correctly. (iii) Brakes operate correctly and performance is per Manufacturer's Specifications.			
32. <b>Park Brake</b> – Check holds on maximum rated slope.			
33. <b>Drive Declutch System or Inching Function</b> – Check operating correctly.			
<b>Steering:</b>			
34. <b>Steering Components (King Pins, Linkages, Hyd Cylinders)</b> – No undue wear, secured correctly. No leaks from cylinders.			
<b>Cab:</b>			
35. <b>Cab</b> – Check for damage.			
36. <b>Emergency Exit Provision (as applic)</b> – Check window opens or hammer supplied for breaking window.			
37. <b>FOPS/ROPS</b> – Not damaged, Manufacturer's ID plate provided and legible.			
38. <b>UHF/Other Radios (if fitted)</b> – Secure, not damaged. Check frequency selection and scan operation ok.			
39. <b>Driver's Seat</b> – Check no damage, adjustments function ok. Air suspension seat works correctly.			
40. <b>Seat Belt</b> – Check no damage, nicks or fraying etc.			
41. <b>Windows</b> – Check secure, not damaged/cracked, latches work.			



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Insp. Initials:
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42. <b>Operators Window and/or Barrier Between Boom &amp; Cab</b> – Ensure not missing or damaged. N.B. Missing windows/barriers can trap operator and cause serious injury or fatality if the operator leans out of, or any part of the operators body extends out of the cab & into the path of the boom.			
43. <b>Windscreen Wipers/Washers</b> – Check operation ok, blades not worn, washer fluid level ok.			
44. <b>Rear View Mirrors</b> – Check condition ok.			
45. <b>Cab Door</b> – Check operation and condition, including handles and locks ok.			
46. <b>Cab Floor</b> – Check clean and non slip rubber matting/abrasive paper etc not damaged or worn out.			
47. <b>Heater/Demister</b> – Check operation ok.			
48. <b>Air Conditioning (if fitted)</b> – Check operation ok.			
49. <b>Cab Air Filter</b> – Check clean, not damaged.			
50. <b>Access Steps</b> – Check secure and not damaged.			
51. <b>Fire Extinguisher (where required)</b> – Check not damaged, charged and within test date.			
52. <b>Wiring Harnesses &amp; Cables</b> – Secured correctly, not damaged.			
53. <b>Lights &amp; Indicators</b> – Check operation ok.			
54. <b>Horn</b> – Check operation ok.			
55. <b>Reversing Alarm</b> – Check operation ok.			
56. <b>Revolving Light (if fitted)</b> – Check operation ok.			
57. <b>Warning Lights &amp; Indicators</b> – Check operation per Manufacturer's Instructions.			
58. <b>Emergency Stop(s) (if fitted)</b> – Check operation ok.			
59. <b>Battery Condition &amp; Security</b> – Check ok.			
60. <b>Boom Controls</b> – Check all boom controls operate correctly and return to neutral when released.			
61. <b>Speed Controls</b> – Test drive and check operation of drive and transmission selectors (fwd/rev, 1st, 2nd, 3rd gear etc).			
<b>Safety Features &amp; Cut-Outs:</b> To see pictures of each of the indicators listed below - see the 'Telescopic Handler (TH) Pre-Acceptance Checklist (THAA document) available from <a href="http://www.tsha.com.au">www.tsha.com.au</a> .			
62. <b>Park Brake/Start Interlock</b> – Check operation as per Manufacturer's Instructions. N.B. Telehandler must not start unless park brake is applied etc.			
63. <b>External Boom Angle Indicator</b> – Installed, working and legible. N.B. Usually attached to side of boom. Must be visible by operator from cab.			
64. <b>Electronic Boom Angle Indicator (for all attachments, if fitted)</b> – Check that the boom angle indicator on indicator screen corresponds to the externally mounted boom angle indicator.			
65. <b>Lateral Slope Indicator</b> – Installed, working and legible. N.B. Measures side angle. Usually fitted on dashboard. Must be visible by operator in cab.			
66. <b>Longitudinal Slope Indicator</b> – Installed, working and legible. N.B. Usually attached to "boom side" window of cab. Must be visible by operator in cab.			
67. <b>Electronic Boom Length Indicator (if fitted)</b> – Check indicator corresponds to length markings on boom(s).			

Select and Initial One Option:	✓	X	NA
68. <b>Outrigger Operation &amp; Interlock Cut-Outs</b> – Check operation per Manufacturer's Specifications. N.B. 'Drive' to disable when outriggers are set.			
69. <b>Four Wheel &amp; Crab Steering (if applic):</b> (i) <b>Operation – Check.</b> (ii) <b>Road Use</b> – When "Road Use" mode is selected, check steering reverts to "front wheel steer" and the following functions are locked out: a. Boom Functions (raise, lower, telescope in/out) b. Frame Levelling c. Ability to operate attachments			
70. <b>Telescopic Boom Length Indicator</b> – Markings on boom sections legible. N.B. Extend boom to view. Usually marked 'A' 'B' 'C' 'D' etc and corresponds with letters (or numbers) on Load Chart.			
71. <b>Load Limit Cut-Outs &amp; Override Mechanism</b> (i) Load limiting devices (if fitted) - test as per manufacturer's instructions. (ii) Overload override mechanism operates as per manufacturer's instructions.			
72. <b>Frame Levelling System (if fitted)</b> – Check operation per manufacturer's specifications.			
<b>Boom Assembly:</b>			
73. <b>Structural Components</b> – Check for corrosion, cracks, wear, distortion, misalignment and/or damage.			
74. <b>Structural Welds</b> – Visually check all welds for cracks.			
75. <b>Critical Fasteners, Retaining Mechanisms &amp; Pivot Pins</b> – Check in place and properly secured/tight.			
76. <b>Boom Pads</b> – Check wear within tolerance and not damaged (including internal boom pads and mounting bolts).			
77. <b>Boom Pivot Pins, Bearings and Bushes</b> – Not damaged, no excess play.			
78. <b>Extension Chains</b> – Check not worn. Lubricate chains per Manufacturer's Instructions.			
79. <b>Boom Head (Front of Boom)</b> – Check not damaged.			
80. <b>Boom Head Pivot Pins</b> – Check secured correctly and not damaged or worn.			
<b>Fork Carriage:</b>			
81. <b>Forks</b> – Check not worn beyond Manufacturer's tolerance and are a matched set.			
82. <b>Load Guard</b> – Check condition and correctly attached. Not damaged or loose.			
83. <b>Attachment Carriage</b> – Check not damaged or cracked. Check all fasteners tight.			
84. <b>Fork Carriage</b> – Check pivot pins secured correctly and not damaged or worn.			
85. <b>Attachment 'Quick Connect' Mechanism</b> – Check safety pin and clip ok, not missing.			
86. <b>Hydraulic Quick Connect Interlock (if fitted)</b> – Check cut-out operates correctly.			
87. <b>Attachment Tilt Operation &amp; Compensation System</b> – Check operation ok. N.B. Typically this keeps the forks level as the boom is raised.			

**Comments (if any):**

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