

## Telescopic Handler Annual Inspection (Non Slew)



### 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.

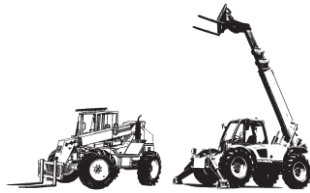
Signature: .....

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 – 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).			
23. <b>Fuel Tank</b> – Check mounts not damaged or loose.			

Select and Initial One Option:	✓	X	NA
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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| | 20

Insp. Initials:

Select and Initial One Option:	✓	X	NA
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).			
68. <b>Outrigger Operation &amp; Interlock Cut-Outs</b> – Check operation per Manufacturer's Specifications. N.B. 'Drive' to disable when outriggers are set.			

Select and Initial One Option:	✓	X	NA
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>Longitudinal Stability, Load Limit Cut-Outs &amp; Override Mechanism</b> (i) Test longitudinal stability indicator and limiter operates per manufacturer's instructions. (ii) Overload override mechanism operates as per manufacturer's instructions. (iii) Load limiting devices (if fitted) - test 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):