

# EXCAVATOR INSPECTION

## CASE CONSTRUCTION CUSTOMIZED MAINTENANCE INSPECTION CHECKLIST



W.O. # \_\_\_\_\_  
 DATE \_\_\_\_\_  
 MODEL \_\_\_\_\_  
 TECHNICIAN SIGNATURE \_\_\_\_\_  
 P.I.N. \_\_\_\_\_ HOURS \_\_\_\_\_

CUSTOMER NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 CUSTOMER SIGNATURE \_\_\_\_\_

ITEM #	COMMENTS

Prior to inspection, check for service bulletins and PIPs applicable to the particular unit.

**A B C S SAFETY EQUIPMENT/OPERATOR CAB**

1. Safety Decals
2. Operator's Manual
3. Seat Belts
4. Cab Mounts
5. Controls/Safety Lever Switch
6. Wipers
7. Defrost/Heat/A/C Fan
8. Lights
9. All Instruments
10. Cab Filters
11. Horn
12. Travel Movement Alarm Function
13. ROPS
14. ID Tag Present
15. Check Operation & Function of SiteWatch™ Equipment
16. Check Operation & Function of Machine Control Components

**ENGINE**

17. Belts/Tensioner
18. Exhaust Smoke
19. Unusual Noise
20. Turbocharger
21. Intake System
22. Muffler/Exhaust System
23. Fuel Pumps
24. Fuel Lines/Clamps
25. Fuel Shut-Off System
26. Fuel Leaks

**A B C S ENGINE (CONT.)**

27. Fuel Injectors, Click/Cut-Out Test
28. Fuel Tank, Cap, Vent & Sediment Drain
29. Engine Fuel Filters
30. Engine Throttle Function
31. Engine Oil/Filter
32. Oil Leaks
33. Engine Air Filters
34. Engine Valve Adjustment

**TIER 4 CEGR**

35. Exhaust Pipes to DPD Chamber
36. Operation, Complete Manual/ Forced Regeneration
37. Electrical Connectors
38. DPD Chamber for Damage or Cracks
39. Pressure Differential Hoses, Cracks & Clamps
40. Temperature & Pressure Sensor Wires, Routing & Clamps

**COOLING SYSTEM**

41. Radiator Core
42. Fan Assembly
43. Hoses/Clamps/Cap
44. Water Pump
45. Coolant Level
46. Coolant Leaks

**A B C S FLUIDS/LUBRICATION**

47. Lubricate Grease Points
48. Swing Gear
49. Swing Gearbox Oil
50. Final Drives
51. Breathers
52. Swing Gearbox Lower Bearing Lubricate

**HYDRAULIC**

53. Lines/Hoses
54. Control/Linkage
55. Oil Cooler
56. Cylinder/Valves
57. Reservoir
58. Operational
59. Cycle Times
60. Hydraulic Oil
61. Hydraulic Oil/Filters
62. Hydraulic Fluid Particle Count Analysis

**ELECTRICAL**

63. Connections
64. Battery Hold-Down
65. Starter
66. Alternator
67. Master Disconnect Switch
68. Fault Codes, Check/Record/Erse (Repair Actions May Be Required)

**A B C S POWERTRAIN**

69. Linkage/Controls
70. Operational
71. Travel Motors Speed/Tracking

**UNDERCARRIAGE**

72. Track Condition
73. Rollers
74. Idlers
75. Sprockets
76. Track Shoes/Bolts
77. Pins/Bushings
78. Track Adjustment
79. Rock Guards

**MISCELLANEOUS**

80. Bucket Teeth/Cutting Edge
81. Dipper, Boom & Bucket Pins & Bushings
82. Ground-Engaging Tools
83. Welds/Frames
84. Sheet Metal
85. Swing Lock/Brake

**ADDITIONAL MAINTENANCE**

86. \_\_\_\_\_
87. \_\_\_\_\_
88. \_\_\_\_\_
89. \_\_\_\_\_
90. \_\_\_\_\_



This information is only for the purpose of suggesting possible repair or treatment of equipment. Any remedy will be limited to the amount of the inspection fee. Dealer makes no expressed or implied warranties, and disclaims any incidental or consequential damages. PM-17129 (Replaces: PM-14357) Rev 07/14

A	CRITICAL – MUST REPAIR
B	OPERATIONAL – SIGNS OF WEAR
C	OK
S	PASSED INSPECTION – SERVICE PROVIDED