

# IRRIGATION POWER UNIT INSPECTION

## CASE IH CUSTOMIZED MAINTENANCE INSPECTION CHECKLIST



**W.O. #** \_\_\_\_\_ **CUSTOMER NAME** \_\_\_\_\_  
**DATE** \_\_\_\_\_ **ADDRESS** \_\_\_\_\_  
**MODEL** \_\_\_\_\_ **CITY, STATE, ZIP** \_\_\_\_\_  
**TECHNICIAN SIGNATURE** \_\_\_\_\_ **PHONE** \_\_\_\_\_  
**P.I.N.** \_\_\_\_\_ **HOURS** \_\_\_\_\_ **CUSTOMER SIGNATURE** \_\_\_\_\_

ITEM #	COMMENTS

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

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| <b>A B C S</b> | <b>SAFETY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | 1. Decals in Place<br>2. PTO Shield in Place                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                | <b>ENGINE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | 3. Oil Level<br>4. Oil Leaks<br>5. Engine Oil Filter<br>6. Exhaust Smoke<br>7. Unusual Noise<br>8. High & Low Idle Speeds<br>9. Turbo Charger<br>10. Intake System<br>11. Muffler/Exhaust System<br>12. Fuel Pump<br>13. Fuel Line/Clamps<br>14. Fuel Shut Off System<br>15. Fuel Throttle Linkage<br>16. Fuel Tank<br>17. Engine Fuel Filters<br>18. Fuel Leaks<br>19. Fuel Injectors<br>20. Fuel Cap<br>21. Water/Sediment Drain<br>22. Belts/Tensioner<br>23. Ether Assist<br>24. Block Heater<br>25. Engine Air Filters<br>26. Air Cleaner Restriction Gauge<br>27. Engine Valve Lash Adj.* |

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|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A B C S</b> | <b>TIER 4 CEGR (FOR LOW HP UNITS ONLY)</b>                                                                                                                                             |
|                | 28. Exhaust Pipes to DPF Chamber<br>29. Proper Operation<br>30. Electrical Connectors<br>31. DPF Chamber for Damage or Cracks                                                          |
|                | <b>TIER 4 SCR (FOR HIGH HP UNITS ONLY)</b>                                                                                                                                             |
|                | 32. Inspect DEF Tank<br>33. Check DEF Fluid Level<br>34. Check DEF Tank Hose to Catalyst Chamber<br>35. Check Electrical Connectors<br>36. Check Catalyst Chamber for Damage or Cracks |
|                | <b>ELECTRICAL</b>                                                                                                                                                                      |
|                | 37. Connections<br>38. Battery Fluid<br>39. Battery Hold Down<br>40. Battery Voltage<br>41. Battery Area Clear/Clean<br>42. Starter<br>43. Alternator<br>44. Emergency Stop Button     |

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A B C S</b> | <b>ELECTRICAL (CONT.)</b>                                                                                                                                                                                             |
|                | 45. Instrumentation Fuse<br>46. Tachometer<br>47. Volt Meter<br>48. Oil Pressure Gauge/Cutout Adjustment<br>49. Water Temp Gauge/Cutout Adjustment<br>50. Push Button Override<br>51. Overspeed Switch Adj.           |
|                | <b>COOLING SYSTEM</b>                                                                                                                                                                                                 |
|                | 52. Coolant Level<br>53. Radiator Core<br>54. Hoses/Clamps/Rad. Cap<br>55. Water Pump<br>56. Fan Assembly<br>57. Coolant/_____ ° F/C<br>58. Coolant Recovery<br>59. Coolant Filter (If Equipped)<br>60. Coolant Leaks |

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|----------------|----------------------------------------------------------------------------------|
| <b>A B C S</b> | <b>PTO</b>                                                                       |
|                | 61. Engage/Disengage<br>62. Check Clutch Adjustment<br>63. Mechanism Lubrication |
|                | <b>FLUID ANALYSIS (VALIDATED THRU INTERNET SITE)</b>                             |
|                | 64. Coolant Analysis (cc 2700 Kit)<br>65. Engine Oil                             |
|                | <b>MISCELLANEOUS</b>                                                             |
|                | 66. Welds/Frames<br>67. Exterior Condition<br>68. Accessory Belt Drive           |
|                | <b>ADDITIONAL MAINTENANCE</b>                                                    |
|                | 69. _____<br>70. _____<br>71. _____<br>72. _____<br>73. _____                    |



\* Adjust valve lash if Operator Manual scheduled interval has been reached at time of inspection.  
 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.  
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A	CRITICAL – MUST REPAIR
B	OPERATIONAL – SIGNS OF WEAR
C	OK
S	PASSED INSPECTION – SERVICE PROVIDED

**BE READY.**