

Irrigation Pump Maintenance Checklist

 Show only Checklist

Display Style
Default 

Pre-Operation Inspection

Checks performed before each irrigation cycle to ensure basic functionality and safety.

Date of Inspection

Enter date...

Pump Running Smoothly?

☐ Yes

☐ No

☐ Unsure



Amperage Draw (Electric Pumps) - Record Reading

Enter a number...

Engine RPM (if applicable) - Record Reading

Enter a number...

Any Unusual Noises?

☐ Yes

☐ No

☐ Unsure

Notes on Operation

Write something...

Routine Maintenance (Weekly/Monthly)

Regular tasks to prevent major issues and extend pump life.

Engine/Motor Hours (Record)

Enter a number...

Check Oil Level (Engine Pumps)

- ☐ OK
- ☐ Add Oil
- ☐ Needs Service

Check Water Level in Pump Housing (Submersible Pumps)

- ☐ Full
- ☐ Low
- ☐ Needs Inspection

Pressure Gauge Reading (PSI/Bar)

Enter a number...

Any unusual noises or vibrations?

Write something...

Check for Leaks (Pump, Pipes, Fittings)

- ☐ None
- ☐ Minor
- ☐ Major - Investigate

Date of Last Filter Cleaning

Enter date...

Seasonal Maintenance (Annual/Before/After Season)

More comprehensive checks and maintenance performed at the beginning and end of the irrigation season.

Date of Last Seasonal Service

Notes/Observations from Previous Service

Pump Runtime Hours (Year-to-Date)

Voltage/Amperage (Electric Pumps)

Engine Oil Level (Engine Driven Pumps)

Enter a number...

Engine Oil Type Used (Engine Driven Pumps)

- ☐ SAE 10W-30
- ☐ SAE 15W-40
- ☐ Synthetic Blend
- ☐ Other (Specify)

Photos of Pump Components (Optional)

 Upload File

Any unusual noises or vibrations observed?

Write something...

Engine/Motor Maintenance (If Applicable)

Specific tasks related to the power source, whether it's an engine or an electric motor.

Engine/Motor Hours (Record Current)

Enter a number...

Oil Level (inches)

Enter a number...

Oil Pressure (PSI)

Enter a number...

Oil Condition (Visual)

- ☐ Clean
- ☐ Slightly Dirty
- ☐ Dirty
- ☐ Very Dirty

Air Filter Condition

- ☐ Clean
- ☐ Slightly Dirty
- ☐ Dirty
- ☐ Very Dirty

Notes on Engine/Motor Performance

Write something...

Last Coolant/Antifreeze Flush Date

Enter date...

Impeller & Casing Inspection

Detailed inspection of impeller and casing for wear, damage, and debris.

Describe any visible damage to the impeller blades (chips, cracks, bending).

Write something...

Describe any visible damage to the casing (cracks, corrosion, erosion).

Write something...

Impeller Blade Thickness (Measure at the thinnest point, in mm or inches).

Enter a number...

Casing Wall Thickness (Measure at a representative area, in mm or inches).

Enter a number...

Presence of Debris/Scaling?

- ☐ Yes
- ☐ No

If debris or scaling is present, describe its nature and location.

Write something...

Impeller Material Condition?

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Casing Material Condition?

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Safety Checks

Verification of safety features and guards to prevent accidents.

Guard Rails and Safety Covers Intact?

- ☐ Yes
- ☐ No
- ☐ N/A

Emergency Stop Functioning Correctly?

- ☐ Yes
- ☐ No
- ☐ N/A

Noise Level (dB) - Record Measurement

Enter a number...

Electrical Connections Secure?

- ☐ Yes
- ☐ No
- ☐ N/A

Any Safety Concerns Observed?

Write something...

Date of Last Safety Inspection

Enter date...