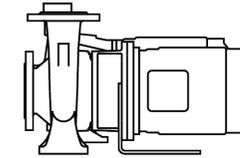


TYPICAL CENTRIFUGAL PUMP MAINTENANCE SCHEDULE



WEEKLY

Carry out a visual inspection for any signs of leakage from the pump or pipework.

If standby pumps are installed, turn on and run for at least 5 minutes to ensure operation.



1-2 YEARS

Dismantle the pump, inspect the wearing parts and replace if necessary. Typical parts include: mechanical seal, wear rings, impeller, o-ring, gasket, shaft.

Remove all auxiliary parts including gauges and valves, clean and inspect.



DAILY

Check the bearing/motor temperature for indication of overheating.

Check for any unusual vibrations or noises e.g. clunking or crunching (wear) or popping (cavitation).



MONTHLY

Check and compare suction and discharge pressures.

Measure power consumption. If it exceeds that on the motor plate, check bearings for wear.

Inspect shock mounts for cracks. Tighten bolts if necessary.

Check coupling alignment. If significant mis-alignment is found, check seals and bearings for wear.

Clean pump and motor so it's free of oil and debris to allow ventilation and prevent overheating.



AS PER SERVICE INTERVALS

Lubricate the bearing as per the service intervals (usually in operating hours) found in the pump manual.

This may be required more regularly in high temperature or dusty environments.



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