MAINTENANCE SCHEDULE - 'RT' PUMP

ITEM	PERIOD	ACTION
Bearings	Every Month	Check bearing temperatures If bearing temperature is above 80° C it may be because of too much, or insufficient lubrication. If necessary, check the condition of the bearings. Regreasble bearings should be supplied with fresh grease of recommended grade. Check for lubrication leaks. Replace seals if leaking.
	3 Monthly	Oil lube bearings should be supplied with fresh oil of the recommended grade. Check old oil for metal particles or water. Check shaft for excess free play.
Seal	3 Monthly	Check mechanical seal for leaks. Replace if leaking. Replace if badly worn or corroded, and fit new bearings and seals. Check seal or gland flush piping for leaks, and repair or replace.
	Yearly	Check seal for wear, and replace if necessary. Check flush piping for scaling or blockages and clean and replace
Flexible Coupling	6 Monthly	Check alignment of pump and motor. Re-align if necessary. Check for coupling wear and replace worn flexible element if necessary. Where frequent adjustment of alignment is necessary, check for cause (eg pipe loading, foundation failure, loose fasteners etc) If pipe loads are suspected, unbolt piping at suction and discharge flanges and check for misalignment. Check pipe supports and pack or adjust as required.
Pressure & Flow Recordings	3 Monthly	Check inlet and discharge pressure and rate of flow. Record these values and compare with previous recordings. A change in reading may indicate a fault in the system, wear or blockage in the pump. Investigate, and rectify as appropriate, as continued operation may result in an untimely plant shutdown.
Valves & Fittings	6 Monthly	Check that ancillary fittings operate correctly. Improper function may cause premature pump failure
Rotating Element	Yearly	Remove rotating element and inspect for wear / scale build up which could result in loss of performance. Check impeller running clearance. Replace defective components.

The above schedule provides a suitable timetable to monitor pump and system performance, and will provide a guide to pending maintenance requirements by comparing the current situation with previous recordings. Where possible, more frequent visual inspections will provide a safeguard against unanticipated occurrences.

ALLFLO PUMPS EQUIPMENT
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