



CSI: A 40+ Point Inspection Program

*Prevent Failures. Reduce Repair Costs.
Embrace Reliability. No Surprises.*

Inspections shouldn't be viewed as a burden. Knowing the condition of your centrifuge or sludge thickener allows for reduced repair costs, more uptime, proactive budgeting and a safe environment for your plant operators.



What is the CSI Program? The Centrisys Service Inspection (CSI) Program is a one day, one decanter centrifuge/sludge thickener, on-site inspection.* The evaluation of your centrifuge includes a summarized report outlining the condition of 40+ critical areas.



Why 40+ Points? After 30 years of servicing all makes and models of decanter centrifuges, the Centrisys service team has the experience to identify those areas of a centrifuge that are critical for performance, reliability and safety. Plants find this evaluation is a good reference to forecast maintenance budgets.



What does the comprehensive inspection report cover? The inspection report has detailed sections documenting our service technician's findings during the one day inspection. The report includes photos, notes and recommendations along with a color key code to quickly view the status of the 40+ points:

RED = critical | **YELLOW = caution** | **GREEN = good**



Is the CSI Program only for Centrisys centrifuges? The CSI Program is available for all brands of decanter centrifuges on the market today. Centrisys has over 30 years of experience repairing all makes and models since we started as a centrifuge service and repair facility. It's through our service know-how and passion for centrifuge technology that we are a leader in the industry.

*CSI is an annual program.



What is 365 Support?

- Unlimited phone support with senior service managers
- 24/7 emergency call line
- Preferential scheduling of repairs and upgrades
- 5% discount on labor
- 5% discount on Centrisys parts
- 5% discount on rental equipment
- 1-year warranty on parts
- Priority shipping on available parts
- Centrisys service tips newsletter

Available Support Upgrades

- Preventative maintenance + service plans
- Extended warranties
- Operator training
- Advanced process optimization with recommendations
- Remote monitoring





Suggested Plant Maintenance Guidelines*

Daily Maintenance	
Fasteners & Guards	Visually check external fasteners for looseness and guards for cracking
Discharge Hoppers & Piping	Check for leaks
Operations Log	Fill out normal operations log to record temperature, erratic vibration, differential speed, torque and flow rates
Lubricator	Check level visually
Control Panel	Check for faults and verify normal readings
Noise & Vibration	Observe noise and vibration levels on panel
Weekly Maintenance	
Grease Internal Bearings	See your Operations & Maintenance Manual
Check Belt Tension	
Check Lubricant & Oil Levels	
Monthly Maintenance	
Inspection for Wear	Open top cover, remove safety covers and inspect rotor and housing for wear.
Monitor Vibration	Verify vibration levels are at or below normal operating levels on the panel display
Wiring, Electrical Cords, Etc.	Check for wear or damage. Replace if necessary.
Discharge Areas	Check solids and liquid discharge areas for wear and obstruction
Annual	
Function Check	Verify function of interlocks and system controls, check PLC battery

Bearings & Seals		Frequency
Main Bearings	Replace	15,000 hrs
Internal Bearings	Replace	15,000 hrs
Wear Components		
Feed Nozzles	Inspect for wear; replace worn nozzles if needed	500 hrs
Discharge Nozzles	Inspect for wear; replace worn nozzles if needed	500 hrs
Tiles	Inspect for wear; replace worn tiles if needed	500 hrs
Feed Chamber Area	Inspect for wear; replace components if needed	500 hrs
Internal Inspection of Rotor		
Remove Scroll	Inspect for wear and damaged components	15,000 hrs or 5 years maximum
Hydraulic System		
Oil & Filter Change	Change oil and filter	4,000 hrs or twice a year
Hydraulic Pump Unit	Inspect for leaks and damage to hoses	Monthly
Rotodiff Hydraulic Motor or Gearbox	Inspect and change bearings and seals	15,000 hrs
Balancing		
Bowl	Balance to specification	15,000 hrs
Scroll	Balance to specification	15,000 hrs

*Guidelines for Centrisys municipal wastewater centrifuges. Industrial maintenance guidelines may vary.



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