



CSI Program

40+ Point Inspection

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

Centrifuge inspections shouldn't be viewed as a burden. Knowing the condition of your centrifuge and its components allows for reduced repair costs, more uptime, proactive forecasting for future repairs, as well as, maintaining a safe environment for your plant operators.



What is the CSI Program? The Centrisys Service Inspection (CSI) Program is a one-time, one day, on-site centrifuge inspection that covers examining and reporting back to you the condition of 40+ critical areas on your decanter centrifuge.



Why 40+ Points? After 30 years of servicing decanter centrifuges, the Centrisys service team has the experience to identify the areas of a centrifuge that are critical for performance, reliability, safety and operational budget forecasting.



What does the comprehensive inspection report* cover? The report has detailed sections documenting the 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**

*Contact your Centrisys Regional Sales Manager for a sample report.



Is the CSI Program only for Centrisys centrifuges? Centrisys has over 30 years of experience servicing all brands and models of decanter centrifuges. The CSI Program is available for all decanter centrifuge makes and models.



CSI+ Package** is a 4-6 hour on-site general maintenance add-on to the Centrisys CSI Program.

How it works: Once you sign-on for the CSI Program, you can add the CSI+ General Maintenance Package. With a Centrisys technician already on-site, it may make sense to take that extra step to assure your centrifuge general maintenance is up to date.

What maintenance is performed?

- Drain and replace oil from the hydraulic pump
- Clean the hydraulic tank
- Change the hydraulic oil and filters
- Replace belts (if needed)
- Replace the suction strainer (if needed)
- Informal operator training on centrifuge operation, general maintenance and safety standards

**Labor and parts pricing are based on Centrisys centrifuges. Other centrifuge brands parts pricing & availability are subject to change.



What is 365 Support***

Once you sign the CSI Program, you are automatically enrolled in 365 Support. The program includes:

- Unlimited phone support with senior service managers
- 24/7 emergency call line
- 10% discount on labor
- 10% discount on parts
- 10% discount on rental equipment
- 1 year warranty on parts
- Priority shipping on parts
- Preferential scheduling of repairs and upgrades
- Customized maintenance plan for operation conditions of your centrifuge
- Centrisys newsletter

***365 Support is an annual plan. To renew the yearly plan, e-mail servicedept@centrisys.com or contact your Centrisys Regional Sales Manager at (262) 654-6006.

Available Support Upgrades

- Preventative maintenance agreement
- Extended warranties
- Formal operator training (1 day)
- Advanced process optimization with recommendations

Centrifuge downtime is preventable by performing regular maintenance. Contact Centrisys.

Questions

+1 (262) 654-6006

Service

servicedept@centrisys.com

Parts

parts@centrisys.com



The Importance of Inspection and Maintenance

Having a state-of-the-art decanter centrifuge is no guarantee of optimum performance and efficient processes. It is just as important to have your centrifuge regularly inspected and maintained as it is to have it installed correctly.



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	At inspection
Discharge Nozzles	Inspect for wear; replace worn nozzles if needed	
Tiles	Inspect for wear; replace worn tiles if needed	
Feed Chamber Area	Inspect for wear; replace components if needed	
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 applications may vary.

Questions about Centrisys technologies?

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