

Process Electronics Corporation

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PEC 34 Point Maintenance Program

High-stress loads can hasten the breakdown of poorly maintained equipment. Take control of your equipment destiny! With Process Electronics Corporation's 34 Point Preventative Maintenance Program, your facility gains productivity, lowers repair costs, and enables you to schedule off-line repair work when it is convenient.

PEC's 34-point, semiannual preventative maintenance program is a combination of inspection, testing and cleaning. It is ideal for supporting extended warranties or as part of an on-going maintenance program. Switchgear and circuitry are examined and measured against factory specifications for performance. Wiring harnesses and connectors are inspected for corrosion and fatigue. The cabinetry and base are cleaned, door gaskets replaced (if required) and the coolant changed as part of the cost of the program.

And if problems are found, PEC can provide the service to make corrections before unscheduled downtime occurs. PEC has the inventory of parts to keep you on line. PEC service also includes equipment certification as part of ISO 9001 and ISO 9002 requirements.

The program includes the following:

1. Inspect all hoses for physical wear & tear
2. Inspect all hoses for leaks
3. Inspect all hose connectors for leaks
4. Inspect all Manifold bottles for leaks
5. Inspect main Reservoir bottle for leaks
6. Inspect all connectors for corrosion
7. Inspect pump for leaks or fatigue
8. Inspect all components for excessive corrosion
9. Clean base
10. Change coolant
11. Blow out Transformer leads
12. Inspect Transformer & Transformer leads
13. Inspect all wiring harnesses for damage
14. Inspect Starter for good connections
15. Inspect & test Solenoid to ensure proper operation
16. Inspect & test Temperature Control Board
17. Inspect fans for rubbing & smooth operation. Clean
18. Inspect & repair or replace door gasket
19. Inspect test and calibrated Main Control Board
20. Inspect & test Control Transformer
21. Inspect & test Synchronization Transformer
22. Inspect test and scope DV/DT boards
23. Inspect & test all SCR's
24. Test output waveform with scope
25. Inspect & test diode currents
26. Inspect & test average output currents
27. Check & test for balanced incoming line current
28. Inspect & test limit switches
29. Inspect & test Temperature Overloads
30. Inspect shunts for corrosion
31. Inspect Bus bar for corrosion
32. Inspect exterior of Cabinet for corrosion & fatigue
33. Inspect incoming power connectors
34. Perform ISO 9001 Certification Calibration

*PEC - Offering Quality UdyLite Power Supplies, Service, and Replacement Parts
UdyLite – Cost Effective Power Conversion Equipment since 1941*