

In highly competitive, global industries, the ability to maintain reliability, throughput and product quality is critical. Process control equipment, including drives and controls systems, are an integral part of maintaining plant output. Understanding the health of your drive system allows you to plan maintenance, and equipment upgrades to meet productivity objectives. A GE Drives & Controls Performance Audit is a comprehensive review of the system and its ability to maintain performance levels. The review will include:

- Review of maintenance and control problems with operating personnel
- Visual inspection of;
 - Drives and controls equipment for damage, proper ventilation, rust or other contaminants
 - All connections and wiring for damage or loose fit
 - Power cables and/or bus bars for signs of overheating, damage, or grounds
 - Relays, motor starters, and drive assemblies, and other power components for cleanliness and integrity
 - All printed circuit boards for mechanical integrity and revision level
 - Electromechanical contactors for spring tension, contact wear, and shunt integrity
- The recording of all potentiometer settings on the circuit cards for future reference
- Review of the vintage of each drive and its major components
 - Outline of any factory modifications or updates that may be beneficial to operation



- Spot-checks of drawings to confirm that they reflect current system configuration

Following the drives and controls performance audit, a report will be furnished that will include: an outline of work performed, a summary of potential weaknesses and areas for improvement, the condition of the drives, and recommendations for upgrade or replacement.

Benefits

- Improve existing system operation and reliability
- Maximize existing equipment capacity
- Prolong the life of existing equipment
- Identify opportunities to optimize equipment performance and spare parts inventory

Applications

Coordinated drive systems. Typical applications may include GE Drives or automation systems controlling hot strip mills, cold mills, winders, paper machines, hoists and cranes, etc.

Industries

Paper, Mining, Metals, Material Handling, Hoisting, Cement, Automotive, Power Generation, Refineries, Rubber, and Manufacturing



For more information, please visit www.gepower.com/prod_serv/serv/industrial_service/en/index.htm or call us at 1-888-GE4-Serv or 540-378-3280.