

Service

Baker Group provides professional maintenance and operations for your commercial, industrial, or institutional facility. Our process is systematic and thorough. It includes planned preventive and predictive maintenance, and practical strategies to maximize energy efficiency.

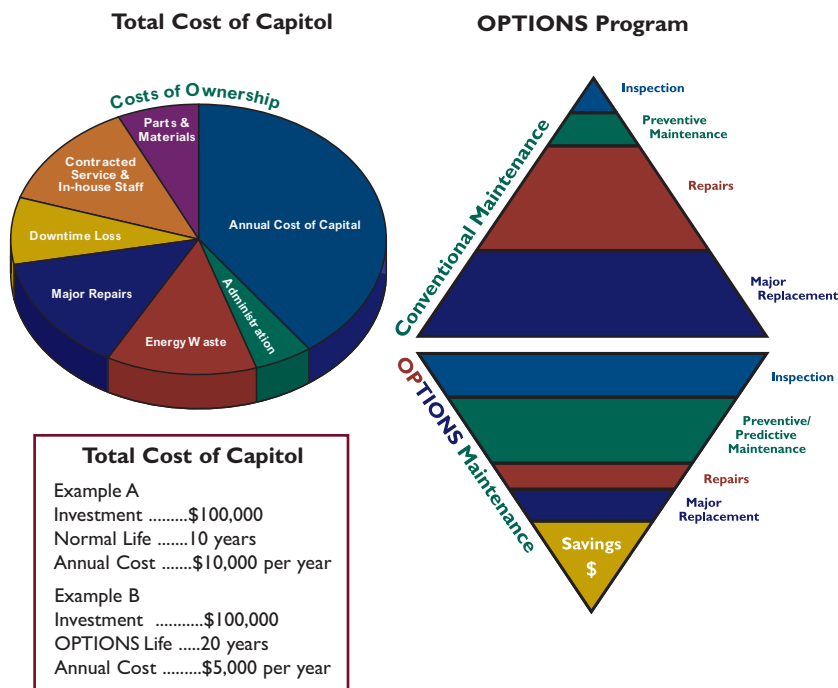
Baker Group people work with customers to define their service needs using the "OPTIONS" (OPERations soluTIONS) maintenance program. Reduced operating costs, increased personnel productivity, improved comfort and safety, reduced equipment downtime, and lower utility costs are just a few of the benefits you will realize when working with Baker Group.

Our facility maintenance and operations services include:

- 24/7 Service Support
- Comprehensive "flat fee" service contracts
- Facility management service
- Performance contracting
- Small/Special retrofit projects contracting
- Predictive vibration analysis
- Chiller Service
- Data Center Mechanical Systems Support

OPTIONS Maintenance Program

Baker Group OPTIONS Maintenance Program emphasizes predictive and preventive maintenance. This approach is proven to reduce total cost of operations.



Portfolio



Twenty-four hours a day, seven days a week, the OPTIONS program will help you:

- Reduce building operating costs
- Increase personnel productivity
- Improve comfort and safety
- Reduce equipment downtime
- Maximize equipment life span
- Lower utility expense
- Assure regulatory code compliance
- Protect capitol investment

To learn more about our Service OPTIONS Program, please call 515.262.4000.



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Baker Group Services

Mechanical Capabilities:

Boiler Installation & Repairs
Chiller/Cooling Tower Installation
Autoclave Installation & Repairs
ASME Code Pressure Vessel Repair
NBBI "R" Stamp for Pressure Retaining Items
ASME "PP" Power Piping Stamp
Power House Piping
Process Piping
Stainless Steel Piping
Medical Gas Piping
Underground Piping and Utility
Hydraulic Systems
Water Conditioning Systems
Plumbing Systems
HVAC Systems
Refrigeration
Compressed Air Systems

Sheet Metal Capabilities:

Specialty Metal Fabrication
Heating, Cooling & Ventilation
Architectural Sheet Metal
Dust Collection / Filtration Systems
Kitchen & Food Prep
Product Conveying
Custom Machine Guards
Smoke Stacks and Boiler Stacks
Combustion Air Systems
Generator Exhaust
Damper Installation & Repair
AutoCAD Connected 20' Plasma Table
AutoCAD Connected Duct Machine

Temperature & Process Controls:

Specialized Turnkey Systems Integration
- Industrial PLC / HVAC / Security / Energy
Digital Temperature Control System Installation
PLC Installation & Programming
SCADA (System Control and Data Acquisition)
Temperature & Pressure Transmitter Installation
Pneumatic Control Systems
Boiler Sequencing & Control Wiring
Lighting Upgrade & Control
Real-time Energy Monitoring & Control
Refrigerant Monitoring – Leak Reporting
Internet Based Monitoring & Control Systems

Security and Fire Alarm Systems:

Closed Circuit TV
Digital Video Recording
Card Access / Biometric Systems
Network IP Addressable Hardware
Photo ID Badging Systems
Vendor / Visitor Activity Tracking
Perimeter Monitoring & Control
Parking Lot Gate Controls
Parking Revenue Equipment
Burglary Systems with Wireless Options
Fire Alarm System Design and Install
Fire Alarm Service and Inspections

Engineering Services:

Design/Build Mechanical & Structural Engineering
AutoCAD 3-D Design/Documentation Services
Specialized Regulatory Commissioning
Energy Use Analysis - Performance Contracting
Indoor Air Quality Analysis
Air Balancing – Active Pressurization Control
Hydronic Balancing / Flow Calibrations
Refrigerant Management & Replacement
Thermal Process Troubleshooting
Custom Environmental Chamber Design
Facility Improvement Master Plan

Predictive Maintenance & Repair Services:

Vibration Analysis
Laser Shaft Alignment
Dynamic Machine Balancing
Meg-Ohm Motor Winding Testing
Microlog Motor Condition Analysis
Compressor Maintenance & Repair
Equipment Startup / Baseline Establishment
for Pumps, AHU's, Chillers, Conveyors
Electrical Power Monitoring Systems
Infrared Thermography Analysis
Ultra-sonic Gas Leak Detection
Combustion Efficiency Analysis
Back flow Testing and Certification
Water Treatment
Scheduled Preventive Maintenance
Building Operations Staffing
Computerized Maintenance Management
Flat Fee Comprehensive Service Program

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