

Facility Improvement Master Plan

Baker Group understands how important it is for you to give your employees and building occupants a productive environment. This is why we provide a proactive approach to managing your vital building systems.

When was the last time you assessed your building systems and developed a Master Plan for their improvement?

The world has changed. We know natural resources are finite. When someone asks you what you are doing to reduce green house gas emissions, do you have an answer?

Let Baker Group develop a Facility Improvement Master Plan that will demonstrate how to reduce your energy consumption and make your facilities more sustainable. We can also assist you with payback calculations and identify possible funding sources.

A Facility Improvement Master Plan offers the following benefits:

Process Focus and Objectives

- Improving Sustainability - **Go GREEN**
- Reducing Operating Costs
- Improving Indoor Air Quality
- Improving Comfort and Safety
- Enhancing Work Environment
- Reducing Downtime
- Extending Equipment Life Expectancy
- Controlling Utility Expenses



Funding Alternatives

- Phased Implementation
- 100% Lease
- Low Cost Government Leases (Public)
- Utility Rebates Pursued
- Tax Incentives Calculated



Proactive Approach to Upgrade Your Vital Building Systems

EXAMPLES:

PROJECT SCOPE

- Boiler
- Building Automation
- Lighting
- Electrical System
- Fire Alarm
- Roof Repairs



PROJECT SCOPE

- HVAC System
- Security/CCTV
- Parking Gate Controls



PROJECT SCOPE

- Chiller
- Air Handling Units
- Building Automation
- Security
- Building Operations



To learn more about our Facility Improvement Master Plan program, please contact Dave Jorgenson at 515.262.4000 or jorgensond@thebakergroup.com



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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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