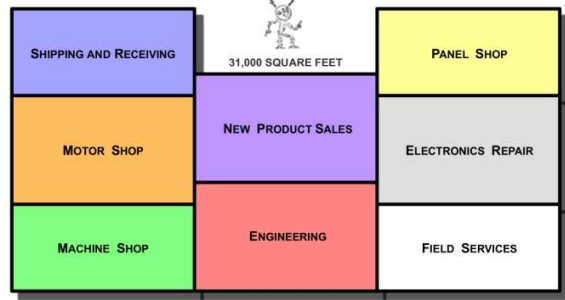


**All Maintenance Contract Packages Include:**

- Unlimited Phone Support and Technical Assistance
- Application Assistance
- Repair vs. Replacement Evaluations
- Repair Evaluations and Quotations
- Root Cause Analysis
- Spare Equipment Recommendations and Quotations
- Control Cabinet Services
- Discounted Pricing on All Equipment and Services
- Free Pick-up and Delivery

**COMPLETE INDUSTRIAL SOLUTIONS UNDER ONE ROOF**



**I AM INTERESTED IN LEARNING MORE ABOUT THE FOLLOWING MAINTENANCE CONTRACT PACKAGES:**

**Infrared Thermography (I/R Scanning) Package**

- AC Motors
- DC Motors
- Gearboxes
- Pumps
- Air Compressors
- Blowers
- Control Cabinets
- Service Disconnects
- Transformers
- Buss Duct
- Substations
- Breaker Panels
- Other... (Please Specify \_\_\_\_\_)

**Vibration Analysis Package**

- AC Motors
- DC Motors
- Blowers / Fans / Air Handling Equipment
- Gearboxes
- Pumps
- Air Compressors

**Dielectric (PI) Testing and Trending Package**

- Large Form Wound AC Motors
- Large Form Wound DC Motors

**Control Cabinet Package**

- Inspection
- Cabinet Cleaning
- Fan Cleaning
- Filter Cleaning / Changing

**Air Leak Detection Package**

- Sonic Testing and Tagging
- Complete Equipment Reports

**Equipment Inspection Package**

- AC Motors
- DC Motors
- Equipment Cooling Blowers and Filters
- Gearboxes
- Blowers / Fans / Air Handling Equipment
- Pumps

**Motor Brush Inspection Package**

- AC Wound Rotor Motors
- DC Motors
- Generators
- Brush Identification
- Application Solutions

Turn Page For A Detailed Description of Services ➡

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
Street Address City State Zip Code

Phone Number: ( ) - \_\_\_\_\_

Fax Number: ( ) - \_\_\_\_\_

E-mail: \_\_\_\_\_

I would like to receive e-mail updates of products and services from Precision Electric, Inc.

**How Would You Like Us To Contact You? (Select At Least One)**

- I would prefer to learn about PMC by e-mail.
- I would prefer to learn about PMC by phone.
- I would prefer to learn about PMC by fax.
- I would prefer to learn about PMC in person.

## MAINTENANCE CONTRACT PACKAGE DESCRIPTIONS:

### Infrared Thermography (I/R Scanning) Package

Infrared is a powerful tool for predicting failures on electrical/mechanical equipment. This information will provide you with the advantage of predicting, and subsequently preventing, problems from becoming system failures.

Precision Electric Inc. will identify each location with a number and name and scan all the equipment included in the contract. We will supply you with a complete report including images of any problems found along with recommendations to correct the problem. After corrective action has been taken we will perform a second scan to make sure that the problem has been corrected.

### Vibration Analysis Package

The vibration signature (The measure of all frequencies compromising a systems vibratory movement) contains more information about a machines health and operating characteristics than any other parameter. There are three main uses of vibration analysis

- 1. Certification:** Vibration data is taken on new and/or rebuilt machinery to ensure the machine is operating within acceptable tolerances. If excessive vibration is discovered, the cause can be remedied before the machinery is put into service.
- 2. Potential Fault Analysis:** Also called **predictive maintenance**, potential fault analysis allows you to determine the health of machinery components. A good assessment allows you to predict what component is most likely to fail first, and approximately how long that component will continue to operate before it fails. This information will allow you to schedule machine maintenance or overhaul before a catastrophic failure occurs.
- 3. Diagnostic Analysis:** This is performed once a problem has occurred. This will help you pinpoint the problem so corrective measures can be taken.

Precision Electric Inc. will identify each unit with a number and a name and collect nameplate data on all equipment included in the contract. We will perform vibration analysis and provide you with a complete report that includes nameplate data and like units on all equipment. We will also provide you with recommendations for corrective action on all units that we identify with a potential problem.

### Dielectric (PI) Testing and Trending Package

Precision Electric, Inc. will perform a Polarization Index (PI) test to determine the condition of a motors winding. This test is a trending tool to help in identifying a gradual deterioration of the unit's insulation system over time.

### Control Cabinet Package

Precision Electric Inc. will perform a complete visual inspection, clean the inside of the cabinet, clean the cooling fan and change or clean the filters.

### Air Leak Detection Package

Precision Electric Inc. will sonically test, tag and give a report on air leaks within your plant. If necessary, the report will include recommendations for repair.

### Equipment Inspection Package

Precision Electric Inc. will perform visual inspections on all equipment listed in the contract. We will identify each item with a number and a name. If necessary, we will supply you with a report and recommendation for corrective action.

### Motor Brush Inspection Package

Precision Electric Inc. will identify each unit with a number and a name and perform a complete visual inspection of all brushes that are defined in the contract. This will include removing brush covers, removal and inspection the motor brushes, checking brush spring condition and tension; inspection of commutator or slip rings condition, inspection of brush holders and provide a complete report of any potential problems.

## PRECISION ELECTRIC, INC.



### Servicing Industrial

- Motors
- Machines
- Electronics and
- Automation

Since 1983...

PHONE: 574.256.1000

FAX: 574.255.7394

**MINIMIZE YOUR DOWNTIME. MAXIMIZE YOUR POTENTIAL.**

Motor Repair, Distribution or Integration For Popular Brands Including, But Not Limited Too:



Drive / Servo / PLC Repair, Distribution or Integration For Popular Brands Including, But Not Limited Too:

