

## Smart Green Industrial Solutions Provider for Sustainability









# **About us**

Eco Plant Services Co., Ltd. (EPS), a smart green industrial solution provider for sustainability, offers professionally industrial solutions while placing emphasis on environmental, social and governance (ESG) aspects in both domestic and international levels to bring our customers towards zero emission by 2050.



With more than 20 years of a strong engineering background, specializing in maintenance within the cement industry since 2002 while serving Heavy, Food & Beverage, Agricultural Industries and Power Plant projects in ASIA, we've collaborated with reliable and experience partners across industry to develop solutions equipped with best available technology that cover the entire life cycle of industrial operation and help our customers to improve reliability and bring down costs to ensure that they shall obtain the best solutions to fulfill their needs.





# Smart Green Industrial Solution Providers for Sustainability

#### Reduce Operations and Maintenance Costs

With our best available technology, our solution will assist in reducing cost.

#### **Reduce CO<sub>2</sub> Emissions**

CO2

300

Our solutions help industry to advance on the path to net-zero and green utility.

#### **Increase Machine Reliability**

Our solutions provide you a better visibility of maintenance requirement to minimize unplanned breakdown.



## Smart Green Energy

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# Smart Machine Reliability

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Smart Green Energy Industries account for a significant part of energy use worldwide. With our strong commitment to increasing the use of alternative energy, promoting better energy efficiency, and improving solutions that contribute to cost and  $CO_2$  emission reduction, we provide solutions equipped with leading technology that cover the entire life cycle of industrial operation.

### **Boiler** Solutions

Reduce CO<sub>2</sub> emission and save cost from green fuel with Boiler Solutions.

#### **Our services**

- Green Steam Boiler
  and Full Services
- EPC Boiler
- Infrasound Boiler Cleaning

## Alternative Fuel Solutions

Save fuel cost and minimize negative impact on the environment with Alternative Fuel Solutions.

#### **Our services**

- Alternative Fuel Storage
  and Transportation
- Chloride Bypass System
- RDF Plant

## Solar Solutions

Reduce energy cost with our renewable energy "Solar Solutions".

#### **Our services**

- Solar Floating
- Solar Farm
- Solar Roof
- Solar Car Park

### Power Plant Solutions

Improve efficiency and advance the future of energy with Power Plant Solutions.

### **Our services**

- Biomass Power Plant
- Waste-to-Energy
  Power Plant
- Operation and Maintenance Service

### Grinding Solutions

Improve mill's performance and machine reliability with grinding solution designed by EPS, together with world class and machine provider from Japan.

### **Our services**

- Nozzle Ring Modification
- Sub-Roller Modification
- Assessment and Consultancy
- Project Improvement



Large Rotating Machine Solutions



Systematically Integrated Maintenance Solutions (SIMs)  $\Delta z$ 

## Smart Machine Reliability

We solve machinery problems to increase efficiency and design maintenance procedures of machines to continuously perform by using Predictive Maintenance (PdM). In addition, we apply the Best Available Technology and real-time monitoring in our working process to achieve zero breakdown goal.

## Large Rotating Machine Solutions

Increase Machine Reliability and reduce cost of unplanned downtime with advanced measurement tools and equipment covering all type of large rotating machine by an expert engineers with extensive experience.

### **Our services**

- Machine Assessment
- Full Inspection and Adjustment
- Maintenance Repair and Overhaul
- Spare Part Solution

## Systematically Integrated Maintenance Solutions (SIMs)

Reduce cost of unplanned breakdowns and time from manually generating reports with the software for preventive maintenance process.

### **Our services**

- Maintenance System
  Assessment
- Equipment
- Planned Maintenance
- Job Request

- Plant Performance
- Mobile Inspection
- IIOT Condition Monitoring
- Remote Monitoring
  and Consultancy





# **Projects Reference**





New Green Boiler, Beverage Industry



Infrasound – Boiler Cleaning, Cement Industry





Solar Floating, Beverage Industry



Waste-to-Energy Power Plant





Large Rotating Machine, Cement Industry



Systematically Integrated Maintenance Solution, Cement and Food Industries



Grinding Solution, Cement Industry

Alternative Fuel Storage and Feeding System, Power Plant Industry



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