Maximising Asset Performance through Strategic Maintenance
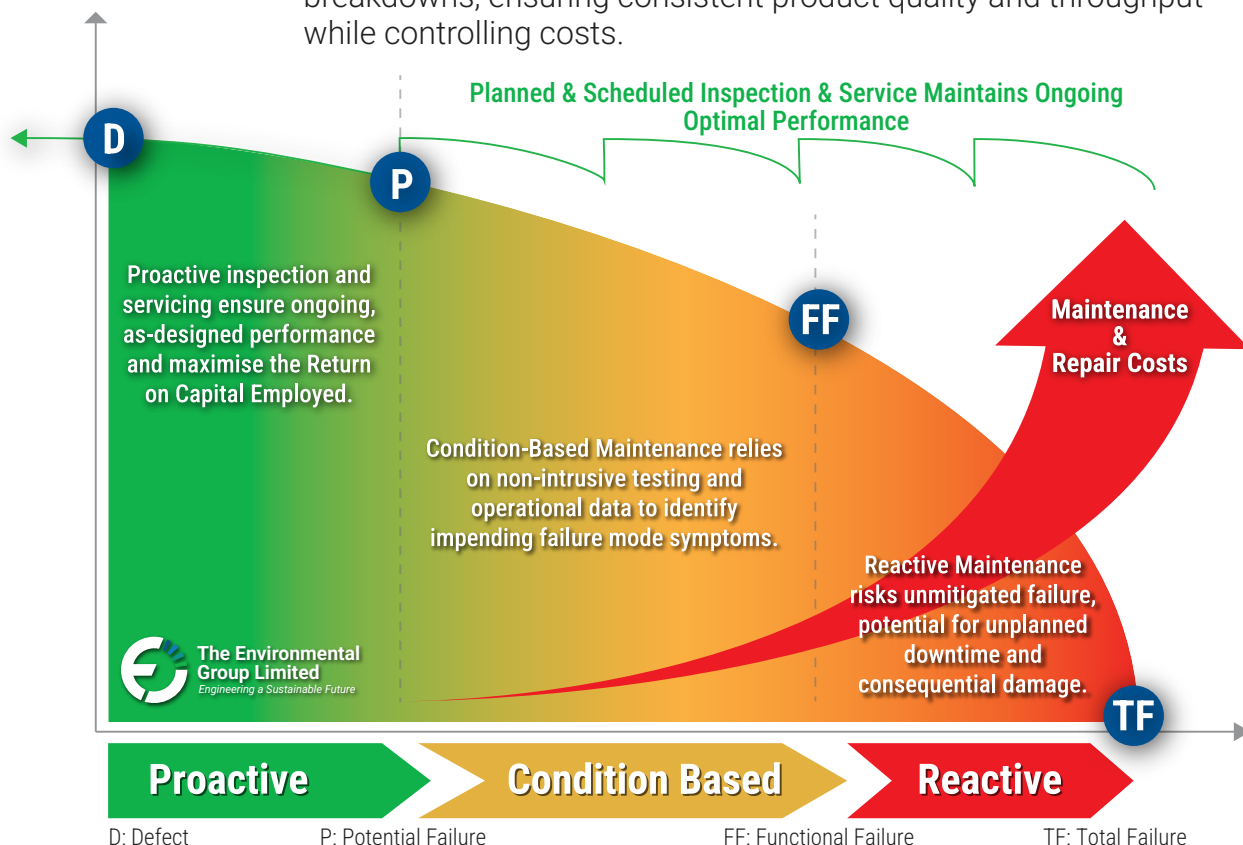
TAPC

Quality Field Service You Can Count On

A **Proactive Approach** protects your assets, boosts efficiency, and **Extends Equipment Lifespan**.

Effective **Whole-of-Life Asset Management** is essential for ensuring uninterrupted plant performance and long-term operational efficiency. A well-structured asset inspection and maintenance programme helps businesses:

- Prevent **Costly Downtime** – Identify and address minor deviations before they escalate into critical failures.
- Enhance **Safety & Reliability** – Plan and schedule maintenance activities with foresight, reducing risks and improving workplace safety.
- Optimise **Maintenance Budgets** – Minimise unplanned breakdowns, ensuring consistent product quality and throughput while controlling costs.

Planned & Scheduled Inspection & Service Maintains Ongoing Optimal Performance

D

P — Proactive inspection and servicing ensure ongoing, as-designed performance and maximise the Return on Capital Employed.

Condition-Based Maintenance relies on non-intrusive testing and operational data to identify impending failure mode symptoms.

FF

Maintenance & Repair Costs

Reactive Maintenance risks unmitigated failure, potential for unplanned downtime and consequential damage.

TF

The Environmental Group Limited
Engineering a Sustainable Future

Proactive → **Condition Based** → **Reactive**

D: Defect   P: Potential Failure   FF: Functional Failure   TF: Total Failure

![The Environmental Group Limited — Engineering a Sustainable Future](logo)

All Defects, *require targeted and specific* Corrective Intervention

TAPC

Maximise Performance
with Quality Periodic
Inspection & Service

- Maintain equipment within its 'as designed' operating parameters.
- Minimise/Eliminate downstream disruption to dependent equipment.
- Avoid critical failure and harmful exposure to both people and plant.
- Increase planning lead time by proactive identification of impending problems.
- Execute work in a predictable, safe and efficient manner.
- High level technical capability with experienced and trusted professionals.

Efficient Maintenance for optimal Performance

Specialising In

- Wet/Dry Scrubbers
- Particulate Cyclones
- Baghouse Fabric Filtration
- Electrostatic Precipitators
- Flue-Gas Desulphurisation
- Thermal Oxidisers

Key Benefits

- Periodic Site Inspections
- Inspection & Diagnostics
- Corrective Maintenance
- IoT Sensor Data Collection
- 24/7 Remote Monitoring
- Performance Management
- Reporting / Feedback

Our Service

- Onsite Technical Expertise
- Detailed Inspection & Reporting
- Preventative Maintenance and Optimisation
- Regulatory Compliance Support
- Cost & Time Savings
- Emergency Breakdown Assistance

Total Air Pollution Control

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