

Servicing & Maintenance



Prevent costly factory shutdowns caused by critical equipment failure



Our planned servicing and maintenance contracts for your equipment can help avoid costly unplanned shutdowns due to critical equipment failure.

Industrial

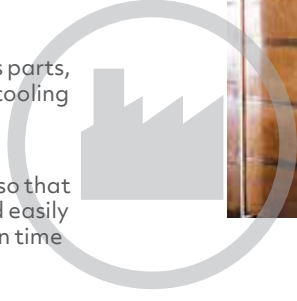


Servicing all industrial products from cooling towers to noise control equipment.

We are the exclusive NZ representative for EVAPCO cooling towers and offer a comprehensive service through our Mr Goodtower programme.

Our Mr Goodtower technical support service covers parts, upgrades and servicing for all makes of industrial cooling towers.

We have developed designs for noise attenuation so that if a panel is damaged in any way it can be replaced easily with reduced downtime so disruption to production time is kept to a minimum.



Drying

Whether you are drying wood, lumber or timber, we offer effective Kiln service packages that can be tailored specifically for your site.

Our team of specialist Kiln Service Engineers are dedicated to help you operate your kiln systems and keep your plant running smoothly and efficiently, keeping your running costs to a minimum.

We offer 4 basic service packages:

Audit & maintenance report

We inspect and test a number of key parts including motor non-drive end bearings and crack test fan components.

A report including maintenance recommendations is issued on the completion of our kiln audit.

For the best results from this option it is advisable to have a competent maintenance engineer on site to complete any remedial work recommended in our report. We can arrange this for you.

Service of kiln fans & motors

We maintain the fans, drive components and motors in your kiln.

This ensures that the complicated parts of your kiln operate reliably.

Full kiln service

All areas of the kiln are covered including full bolt checks, panels and sealing inspection, fan crack testing, motor servicing, steam control valve operation and system checks.

A full service report is sent detailing the work completed and what will be due at the time of the next service.

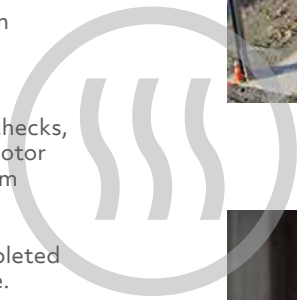
Dynamic balancing of fans

Dynamic balancing is important to ensure reliable operation of your kiln fans.

We have developed a 2 plane balancing system and accurate method of fan pitch adjustment. Fans should be balanced when kiln is installed and every 5 years during the kiln's operation.

They should also be rebalanced if:

- The balance weights or disc have been disturbed
- The taper mounting bush has been removed from the fan hub
- If any of the fans or fan parts are replaced or have been corroded significantly



Energy



The Energy Service Division provides full life service and maintenance support to customers throughout New Zealand.

The dedicated service team provides installation, commissioning, routine maintenance, emergency cover and engineered upgrade work for all thermal energy applications and works with customers from all industry sectors.

Services offered include:

- Full routine service and maintenance packages for all aspects of boilers and thermal energy plants
- Support for a range of burners including Weishaupt, Drezler, Fives NAMCO and Zeeco
- Plant commissioning
- Combustion tuning and optimisation
- Safety inspections
- Control system and plant upgrades, including unattended operation
- Efficiency studies and enhancements
- Condition and ageing assessments
- System troubleshooting and optimisation
- Servicing, upgrade and repair of industrial air heaters
- Hire boilers
- Emergency standby boilers and relief boiler operators
- Boiler re-tubing
- Valve servicing
- Piping and ducting systems
- Operator and management training
- Condenser cleaning
- Fitting and welding

Windsor Energy Service technicians are fully trained to support a wide range of industry leading products from the world's best manufacturers of burners, valves, control systems, and other thermal energy products.

The team prides itself on its depth and breadth of experience and competencies in maintaining and upgrading solid, liquid and gas fired boiler and other thermal applications.

Service centres and technicians are located throughout New Zealand with the main offices and workshops in Auckland, Napier, Dannevirke, Wellington, Christchurch and Dunedin.

The Energy Service Division is supported by its own dedicated Energy Products team who source the full range of spares and consumables required for all aspects of the team's work.



Air

Regular maintenance is required for all fans, blowers and rotary valves.

Our Mechanical Service team is comprised of qualified technicians who can provide either a six monthly or annual service to ensure your fans & blowers are operating correctly, and to ensure that rotating equipment is dynamically balanced and aligned correctly avoiding costly failures and preventing unplanned shutdowns affecting your business.

We can offer a comprehensive parts, system upgrade and replacement service for our own and other fans and blowers.

Our air filtration service team can provide peace of mind for your factory maintenance by organising regular filter changes and upgrades to air systems including dust collector servicing and bag replacement .





New Zealand

Auckland

Fans, filters, cooling towers, packaged dust collection, expanded metals, fan & cooling tower servicing

P: +64 9 262 4474
F: +64 9 262 4219
E: auckland.sales@windsor.co.nz
Unit 1 / 23 Druces Road, Wiri, Manukau City, Auckland 2104
PO Box 98046, Manukau City, Auckland 2441

Auckland - Energy Service & Products

Servicing upper North Island, burners & combustion products, valves & spare parts

P: +64 9 262 5046 (Products)
P: +64 9 262 5043 (Service) / after hours 0800 727 783
E: auckland.sales@windsor.co.nz
Unit 3 / 23 Druces Road, Wiri, Manukau City, Auckland 2104
PO Box 98046, Manukau City, Auckland 2441

Christchurch

Filters, filter servicing, dust collector parts & servicing, South Island boiler servicing

P: +64 3 366 1411
P: +64 3 366 1456
E: christchurch.sales@windsor.co.nz
Unit 1 / 33 Watts Road, Sockburn, Christchurch 8042
PO Box 6096 Sockburn, Christchurch 8042

Dannevirke - Energy Service & Products

Servicing central New Zealand, burners & combustion products, valves & spare parts

P: +64 6 899 5086 / after hours 0800 727 783
E: windsor.sales@windsor.co.nz
3 Easton Street, Dannevirke 4930

Dunedin - Energy Service

Servicing South Island, burners & combustion products, valves & spare parts

P: +64 3 599 9072 / after hours 0800 727 783
E: windsor.sales@windsor.co.nz
5 Braemar St, South Dunedin 9012

Napier - Energy Projects

Biomass fired thermal energy, full engineering design for all aspects of thermal energy applications, boilers, air heaters, thermal oil heaters

P: +64 6 899 5050
E: windsor.sales@windsor.co.nz
Level 2, 6 Albion St, Napier 4110

Wellington

Kilns, dust collectors, scrubbers, electrostatic precipitators, heat exchangers, material handling, noise control, engineering design, industrial servicing

P: +64 4 232 8080
F: +64 4 237 4722
E: wellington.sales@windsor.co.nz
3A Broken Hill Road, Porirua, Wellington 5022
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Australia

Victoria

Coils, heat exchangers, air filtration, Purafil gas phase filtration

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USA

North Carolina

Kilns, kiln servicing, kiln controls

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