

TECHQUIP

DESIGN > INSTALLATION > SERVICE



TECHQUIP

DUST COLLECTOR SERVICING



TECHQUIP.COM.AU

INTRODUCTION

Introducing Techquip supplier of technical engineering services for Power Transmission and Bulk Materials Handling.

Techquip is the technical services provider division in our group of companies which include Chain & Drives, a leader in power transmission and Inquip, a specialist in bulk materials handling.

Our team are trained in all aspects of power transmission and bulk materials handling and have the support and expertise of Chain & Drives and Inquip along with the market leading products our group supplies throughout Australia from leading manufacturers around the world.



DUST COLLECTOR MAINTENANCE - DISC

At Techquip, the service division of Inquip, bulk materials handling specialists, we have reviewed the methods used to clean dust collectors. With some specialised equipment we hope to vastly improve performance and some issues commonly found in dust collector servicing.

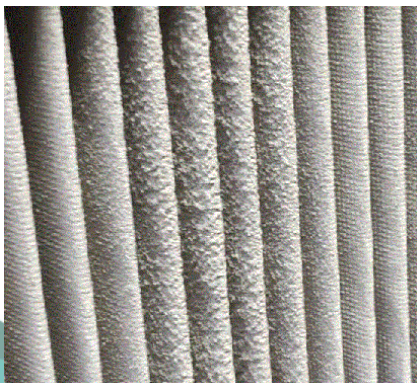
Techquip has developed a unique system known as the "Dust-collector In Situ Cleaner" or DISC for short. This handy little machine allows for cleaning of filter media, without removing it and keeping the dust inside the collector

Our unique method, we can reduce typical time taken to service a dust collector by 60 percent and has an added benefit of significantly reducing the cost of not only servicing the dust collector, but reducing down time and other procedures affected by such operations

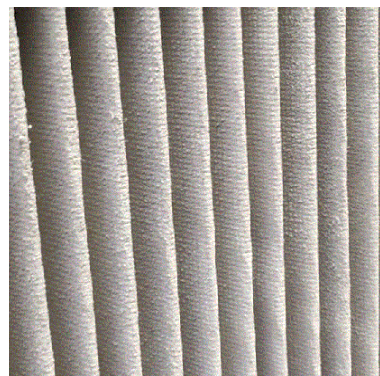
Standard cleaning of a dust collector would be to manually remove the filter media and hand clean them, allowing dust and material to escape. We aim to drastically reduce and possibly remove any environmental impact from this process, benefitting operators and surrounding areas.

Techquip's DISC cleaning system can be tailored to suit almost any pneumatic reverse pulse dust collector, cleaning the media while it remains within the confines of the collector housing, while more effective at breaking away dust buildup helping improve the standard operating life of filter media keeping them cleaner for longer.

Below you can see a comparable difference between a WAM dust collector cartridge taken literally seconds apart mid clean with Techquip's "Dust-collector In Situ Cleaner"



BEFORE



AFTER

DUST COLLECTOR SERVICING

DESCRIPTION (Typical pricing based on \$115.00 per hour).	Full Service	DISC Service
Travel Metro + Mobilise / De Mobilise + Safety + Induction, (First 2 hours on site and 1 hour travel included).	\$345.00	\$345.00
Silo Vent Filter – With cartridge media (approx. 1 hour)	115.00	\$115.00 (approx. 1hour)
Silo Vent Filter – With fabric media + cages (approx. 1.5 hours)	\$172.50	\$115.00 (approx. 1 hour)
Fan assisted Drybatch Dust Collector – With cartridge media (approx. 3 hours)	\$345.00	\$172.50 (approx. 1.5 hours)
Fan assisted Drybatch Dust Collector – With fabric media + cages (approx. 6 hours)	\$630	\$262.50 (approx.2.5 hours)
Hopper Vent Filter – With cartridge media (Approx. 30mins)	\$57.5	\$57.5
Filter bag and Cartridge media – off-site cleaning (full cleaning service which will restore filter performance up to 90% of new unit)	N/A	\$45.00 Per unit

**Above pricing is an approximation based on an hourly charge.*

**Above pricing does not include parts. All prices are plus GST.*

PLEASE NOTE: DISC service pricing is for a single technician. With sites that require a second person for lifting purposes, Techquip can supply at above rates or brief assistance can be supplied by your company to assist with lifting the DISC equipment into position. Access equipment by others.

Rates for unscheduled and out of scope works (i.e. repairs to timers, reverse pulse, air lines etc):

Hourly Rate 6.00 am – 6.00pm \$ 115.00 per hour (Travel & Onsite) + GST

Hourly Rate – After Hours \$ 140.00 per hour (Travel & Onsite) + GST

Emergency Call Out \$ 200.00 Flat + Min 4 Hours applicable + Travel & GST Cost +15%

Accommodation & Meals



TERMS & CONDITIONS

- All genuine spare parts sold to your company will be sold according to Techquip/Inquip's national pricing structure.
- Techquip/Inquip's terms and conditions apply. Terms and conditions are available upon request.
- Prices subject to change, 30 days written notice will apply to price change.



STANDARD SERVICES

Balancing

After installation or long service equipment can become unbalanced. Such fans, pumps and rotors can place undue stresses and additional loads in bearings, motors and couplings substantially reducing

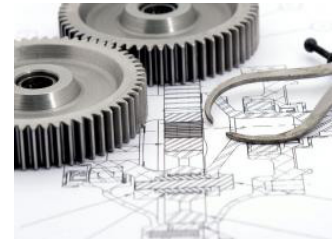
component service life and potentially causing catastrophic failure with harmful potential. Techquip offers a balancing service to ensure long product life to maintain peak efficiency.



Consulting & Design

Techquip provides engineering consulting services for upgrades and new equipment designs with aid from our experienced staff within our group of companies. Utilising the latest up to date information,

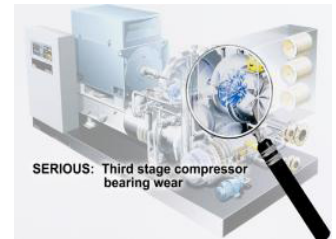
we provide optimised solutions for your plants design requirements. Our trained engineers can design individual components through to complete plant layouts



Preventative Maintenance

Techquip recommends adding security to your process by offering Preventative Maintenance Contracts for your equipment. This can significantly help reduce failures and detect faults early on before they

lead to larger issues, adding peace of mind to your operation. Each PMC is tailored to suit individual requirements of each customer with prioritised service as a key feature.



Onsite Plant Repairs

Our field services team have had many years experience in plant maintenance and can assist with breakdowns and installations. This may be after hours or scheduled. Attached to these can be full plant

audits pre and post repairs, backed by our engineers to ensure the correct fix has been employed to keep your operation functioning well into the future.



Mechanical Refurbishment

Techquip has a fully equipped service centre facility where strip and rebuild refurbishment or project builds can take place.

Spanning from gearboxes, motors, couplings, bearings, seals, actuators, complete drive assemblies, screw conveyors,

dust collectors and more can be overhauled or built new with the confidence of being tested and functioning before reaching site

Our service centre carries a large inventory of spare parts for immediate repairs and breakdown situations



Some
Equipment
We Handle



ADVANCED SERVICES

Oil Analysis

Oil analysis is a cost effective method of determining the condition of existing lubricants, helping to extend service life and reduce failure of equipment. Programs can consist of either in-

house or external testing which test for 4 major indicators; base oil degradation, water content, presence of contaminants, and metal or iron particle contaminants



Energy Audits

Energy consumption can be reduced by up to 40% in some applications through analysing inefficient and poorly designed systems, by adopting modern, design practises. Environmental Sustainability begins

with understanding how much energy you currently use and how you can reduce that consumption to a more environmentally friendly level.



Laser Alignment

Misalignment in mechanical systems such as drive assemblies is a major factor in increased wear and premature failures. Using traditional alignment techniques incorporating straight edges and dial indicators

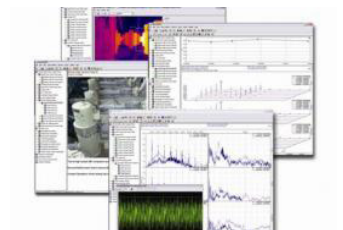
are extremely time consuming, subject to methodology errors and physical limitations. Laser alignment techniques are fast, accurate and remove many human errors from the process



Vibration Analysis

The predominant technology employed in condition monitoring used to determine the condition of various mechanical components is Vibration Analysis. This non invasive technique collects vibration data from

machines under normal operating conditions, usually around bearing locations, can help to predict service life expectancy and urgency of repairs. Planned and scheduled maintenance is preferred over emergency downtime.



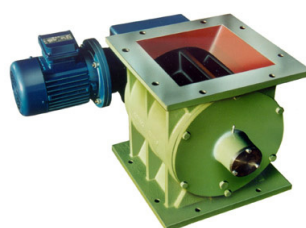
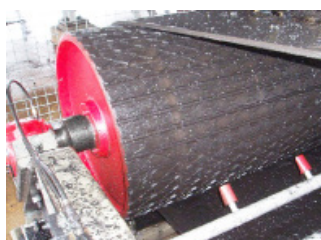
Training

Utilising technical expertise, Techquip have developed comprehensive product training programs. From the engineer seeking assistance with selecting the appropriate materials or components, a distributor who wants to provide the

best available advice and products to their customers, or a maintenance person interested in getting the maximum uptime and service life, we have the solution for your plant, staff and equipment training needs.



And Much More ...





PREVENTATIVE MAINTENANCE

DUST COLLECTOR SERVICING

HYDRAULICS & PNEUMATICS

ENERGY AUDIT SERVICES

INSTALLATIONS

TURN-KEY PROJECTS

MECHANICAL DESIGN

VIBRATION & OIL ANALYSIS

CUSTOM MACHINERY BUILDS

POWER TRANSMISSION REPAIRS

Authorised Service Agents For:

