
ASSET MANAGEMENT



AMPCONTROL CONNECTS YOU TO WORLD CLASS ASSET MANAGEMENT SOLUTIONS

Engaging Ampcontrol as your asset management partner means continuity of technical support from the OEM and a commitment to making sure the equipment runs as it is supposed to, doesn't breakdown, and is statutory compliant.

We know the operational value of what we design and manufacture which is why we are focussed on optimising the equipment you have invested in and ensuring operational availability.

We take our role as OEM very seriously and believe that proactive maintenance of your electrical systems as part of an asset management strategy will deliver:

- Asset reliability
- Optimum performance
- Worry-free statutory compliance

What sets us apart?

When it comes to our products and equipment, we are second to none. When you partner with Ampcontrol in the ongoing management of your assets, you are partnering with the R&D engineer, manufacturer and commission-to-site technician – all working to maximise your electrical assets.

We also have nearly 50 years experience in the design of multi-site, multi-use applications along with decades of historical data and knowledge on our products. We apply this experience to every new site and application to develop an Asset Management Strategy that works for your site.

Partner with experience

Our depth of experience in the mining industry means we can manage every aspect of your electrical equipment, from intro-to-site to AS/NZ2290 inspections and daily equipment tests.

We can tailor our plans to your needs so that our specialist knowledge and skilled technicians optimise your assets on a scheduled basis, leaving the day to day to your team.

Whatever the approach, Ampcontrol partners with you to achieve your production outcomes, whether we are a phone call away or working right next to you onsite.





Whole of lifecycle management

Partnering with Ampcontrol in the ongoing management of your electrical assets means assurance of optimum output and availability.

THE ASSET MANAGEMENT STRATEGY

We approach every customer's Asset Management Strategy using the following principles: Analysis, Action and Accountability. We take the time to understand your requirements and devise a strategy which delivers statutory compliance, asset availability, predictive maintenance periods and built-in spares/upgrades.

ANALYSIS



ACTION



ACCOUNTABILITY



The 'Baseline'

We audit all electrical equipment on site to get a baseline assessment of where your assets are in their lifecycle and how they are performing.

The 'Asset Risk Profile'

We use this term to describe an overall approach to asset maintenance which may fall into either a 'Run to Fail' risk category or 'Predictive/Preventative' category where the risk is significantly reduced. Not every customer has the same approach to asset risk. Our role is to understand your approach and devise a strategy to support your assets when managed that way.

Modular Maintenance Schedule

Part of our approach to asset management is to provide customers with detailed modular maintenance schedules, customised for either individual electrical assets, systems or both. We draw on our extensive portfolio of "Reliability Centred Maintenance" modules for all of our OEM products to develop maintenance schedules that are tailored to suit the exact requirements of each product and their application.

Spares Strategy

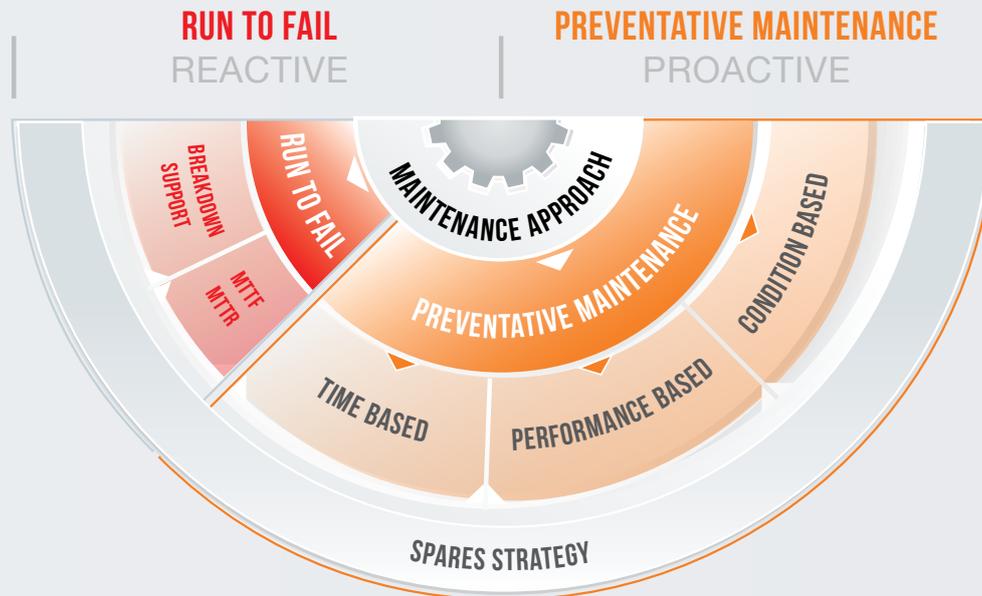
As the OEM, we have detailed knowledge of the service life of our electrical assets and include a recommendation for spares at your site depending on usage and current stock levels. We also devise an appropriate site-based spares strategy to support the inspection and rotation recommendations within each maintenance schedule.

Key Performance Indicators (KPIs)

Being accountable for the Asset Management Strategy is important to Ampcontrol. As part of our process, we will discuss your objectives and develop agreed targets for ongoing review. Typically, we believe the value of our Asset Management Strategy enables us to commit to the following KPIs:

- High level operational availability
- Statutory compliance
- Downtime cost reduction

THE ASSET RISK PROFILE (ARP)



As part of our analysis, we assess your Asset Risk Profile (ARP) using the following methodologies: Preventative or Run to Fail. Either approach is underpinned by a customised spares strategy to support operational efficiency and minimise downtime.

Preventative

This approach ensures an appropriate service level is achieved through proactive maintenance based on several key factors to achieve optimum results for your production assets.

Time Based inspection

This utilises statutory driven intervals or periodic planned inspections, testing and product exchange to ensure systems maintain their base level performance. Inspections are carried out in accordance with AS/NZ2290.1 requirements at regular intervals.

Equipment Performance

Following asset inspections and data capture, the information is analysed to identify leading trend information for potential component failures and incorporated into a predictive maintenance schedule.

Condition analysis

Understanding the cause and effect of environmental and asset relationships is essential when working to minimise downtime and maximise operational availability. By assessing and understanding high risk asset environments, we can reduce time phased inspection intervals and maintenance. We then monitor this using our performance based auditing tools.

Run to Fail

A Run to Fail approach can be supported by breakdown services and provision of spares, however, does not ensure operational availability or asset optimisation.

Whilst some electrical equipment can be commissioned and left to operate with minimal maintenance, this may not result in equipment which is operating at full capacity, all the time.

Run to fail results in significant risk to the overall integrity of the electrical system, with deterioration occurring over time and as operational activities increase. Reactive support leaves your site vulnerable to operational downtime, unscheduled repairs or upgrades and a costly impact to the bottom line.

SUPPORT SERVICES

Part of our turnkey approach is ensuring our customers experience the very best from Ampcontrol's products and equipment. We offer a range of highly specialised support services which are aimed at enhancing the value of your Ampcontrol assets and enabling greater site autonomy.

Training

We offer in person or online training and instructional courses for all custom manufactured power electrical equipment, relays and other electronic products. This includes their applications and diagnostic features.

Advantages of training your personnel:

- Enable on-site trouble shooting and daily inspection to be carried out by your personnel
- Custom material is produced which is specific to your assets
- In-depth technical documentation is provided
- Personnel receive a certificate of attendance

Training can be carried out as part of commissioning a new installation, on a periodic basis as part of your Asset Management Strategy or on demand for new personnel.

System Integration

Ampcontrol is committed to helping customers achieve a more efficient outcome. We believe this can be achieved by integrating systems through automation, process control, information technology and software solutions that can be fully maintained, serviced and supported by skilled Ampcontrol technicians.

Our automation and process control integrated systems encompass:

- Control Systems Architecture
- Process Control Engineering
- Industrial Networking
- Fieldbus Design & Implementation
- Functional Safety Programming
- Multi-Vendor PLC & SCADA Implementation
- ASi & Device Level Networking
- Change Management
- Software Assets Management
- Conceptual Design

Areas of expertise include:

- Electrical Installation
- Electrical Control Panels
- PLC Control Systems Wiring
- Data and Fibre Optic Install and Termination
- Instrument Design and Installation





Service support you can rely on

With an Ampcontrol Asset Management Strategy in place, your electrical assets will benefit from scheduled maintenance from experienced and highly trained technicians.

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