

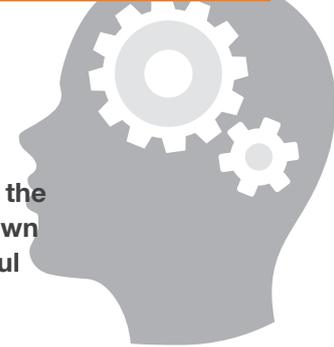


OUR GUIDE TO HASSLE FREE SHUTDOWN MAINTENANCE

Want to maximise your shutdown? Plan now!

With the holiday period fast approaching we know that lots of you will be planning shutdown maintenance programs.

It is proven that the more time and effort spent planning and preparing for shutdown the better the outcomes. Here is our simple guide to taking the guesswork out of shutdown management by looking at some of the common issues faced along with some helpful tips to ensure you get back up and operational, on time and on schedule.



1. Shutdown scope of work

One of the biggest problems commonly faced is poor preparation and scope definition which can lead to unexpected costs and schedule blow outs.

When planning a site shutdown, clearly scoping the job and defining the work required will enable better management of onsite personnel, including any contactors or OEM's you need to bring on board.

Another issue which can crop up if the shutdown isn't properly scoped, can be plant or logistics related issues which puts unexpected and therefore, unplanned or budgeted pressure on the job. As part of the planning process, consider undertaking a site audit, especially of critical equipment, so you can appropriately plan and resource your shutdown. This site audit may also take into consideration any environmental factors which could impact the success of your shutdown, so you can manage and mitigate the risks appropriately. A clear scope of work will help minimise confusion, questions and incorrect priorities.

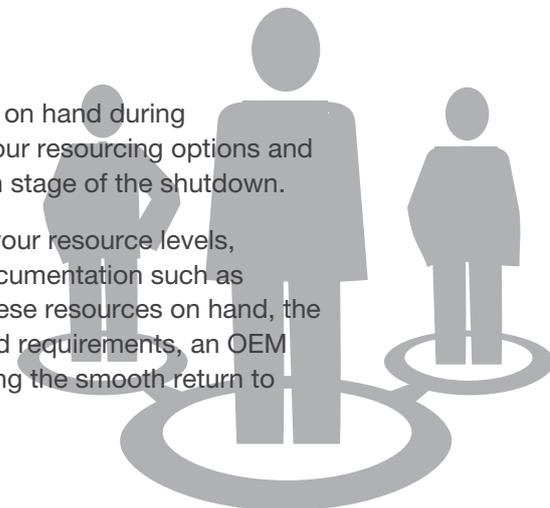
Helpful tip: Make sure all interested parties have a copy of the scope of work.

2. Shutdown resources

Do you have people with the appropriate skills, knowledge and experience on hand during shutdown? With a comprehensive scope of work, you can now consider your resourcing options and determine when it is best to dial up or down resource levels based on each stage of the shutdown.

Resourcing is also impacted by availability of information. When planning your resource levels, consider the availability of relevant (and potentially, statutorily required) documentation such as SWP's, Risk Assessments, Inspection Sheets, and Test Sheets. Without these resources on hand, the close out process may be slower. Depending on your site configuration and requirements, an OEM can provide specialist advice and knowledge related to equipment, including the smooth return to service with statutory compliance.

Helpful tip: Make sure you book resources in early.



3. Equipment availability



One of the biggest risks to a successful shutdown is the availability of spare parts and consumables. While a site audit will identify these gaps, it is important these critical items are considered in the early planning phases. A phone call to suppliers to confirm availability of parts as soon as possible is a good idea. Also, consider hire equipment that you may need to secure to cover instances where equipment needs to leave site for maintenance.

It's also important to consider and book special equipment you may need to conduct maintenance such as cranes and forklifts as these items can be in high demand.

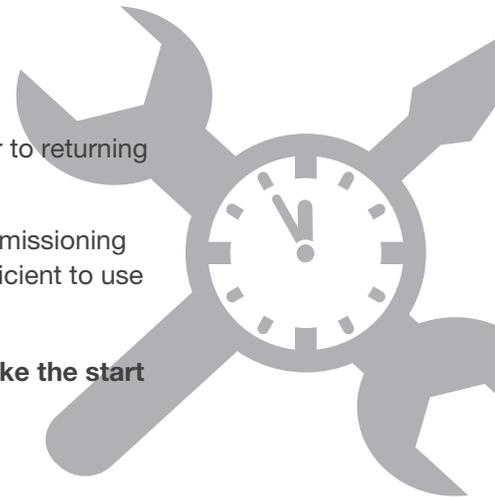
Helpful tip: Book spares and equipment early; you don't want to be caught short.

4. Start up

Make sure you have allowed adequate time to test and confirm equipment prior to returning to service. This can often take longer than originally planned for.

Consider if you have access to trained operators to assist with testing and commissioning or if you'll need OEM or contractor support. Sometimes it is faster and more efficient to use an expert.

Helpful tip: Have contingencies in place in case key equipment doesn't make the start up deadline.



How Ampcontrol can help



Onsite support

Ampcontrol's underground and HV service teams are available to provide onsite support for shutdown maintenance programs. Trained service technicians can conduct site audits of critical electrical and electronic infrastructure to assist in developing an appropriate scope of work.



Electronics spares

We can help you plan the electronics spares required for your maintenance program. Contact Customer Service to discuss your requirements or to place an order.



Refurbished second hand equipment

Ampcontrol have a range of refurbished second hand power distribution equipment available for sale or hire. It might just provide the contingency option you need to give you peace of mind during maintenance. Take a look at our catalogue of available equipment and speak to one of our representatives about the best solution for your site.

