

Shutdown and Commissioning Projects

The integrity and reliability of plant and equipment directly impact every level of the business. Though initial design criteria may have identified a lifecycle of 25 years operability to decommissioning, market demands often dictate an extension to lifecycles of installations, in some instances extending by more than 15 years.

Ongoing unplanned or uncontrolled shutdowns and commissioning of any operating plant directly impact the business bottom line through the variability of production and reliability.

Current shutdown and commissioning strategies often lack detail or prescription leaving significant gaps in quality, quantity, and use, resulting in ad-hoc preventative maintenance of equipment.

The most critical challenge facing any organisation in managing shutdowns and commissioning is ensuring that employee safety and business productivity are not compromised. This is particularly difficult with large amounts of transient workers and many small contractors onsite who are unfamiliar or not committed to the workplace safety culture. Let's not forget that production is often continued in other areas of the worksite, creating additional HSE considerations.

Strategies can often be overridden by work orders, giving employees and contractors the impression these are a guide only, impacting project performance, both HSE and reliability.

Therefore, best practise must be adhered to from the beginning of any decommissioning or commissioning project.

Our Approach

The team at Actualise understand the inherent risks in managing decommissioning, closure, shutdown or commissioning projects, especially when there are large numbers of staff who are often performing repetitive daily routines which can lead to fatigue and a lack of safety focus.

We assist organisations by developing structured start-up and shutdown HSE interventions tailored to meet the needs of each worksite, with the aim of ensuring employees remain injury-free and production uncompromised.

We ensure staff at all levels, including transient workers and contractors, understand their roles and responsibilities in achieving safety objectives while still meeting deadlines.

Our interventions can be adjusted depending on the scale of the project and the size of the workforce, from minor capital works to major shutdowns, with coaching provided to support and reinforce the importance and efficiency of workplace safety.

Project Objectives

Actualise's Shutdown, Closure, Commissioning development program will:

- Develop sufficient resourcing (in-house and outsourced) to manage and support Shutdown, Closure and Commissioning activities;
- Apply consistent resource and engagement strategies across the business (in-house and outsourced).
- Eliminate ambiguity regarding HSE for Shutdown and Commissioning practice across the business
- Identify and assist in eliminating the inefficiencies, costs, and duplications of maintenance work.
- Identify risks leading to the elimination of unscheduled outages and incidents
- Develop reference management practices across the business
- Provide continuous Shutdown and Commissioning improvements
- Assist in maximising the availability and reliability of plant and equipment by increasing MTBF (Mean Time Between Failures), MTTR (Mean Time to Repair) and OSE (Overall Shutdown Effectiveness).

Welcome to Actualise.



Delivering Value from Vision

About Us

At Actualise, we are a group of multi-disciplinary professional consultants currently undertaking projects for organisations globally, with a proven track record working with leaders and managers, helping them implement sustainable work-change strategies that drive performance, giving them the competitive edge.

Our team of consultants work anywhere in the world, though our physical offices are located in Perth, Australia; and Aberdeen, Scotland.

We travel to you to provide tailored solutions and establish long-term partnerships that help you achieve your strategic and business goals.

Our Approach

Our trusted methodology develops an organisation's discipline, innovation and flexibility. Our expertise in this area, and our tailored approach, create the highest value for your business by actualising your vision.

An organisation's vision is often buried within a project plan - We help surface it and assist the organisation to deliver optimum value. It starts with strong engagement with operational personnel in order to better understand the challenges that they face everyday.

At Actualise, we develop tailored strategies and work with key leadership members and influencers within the working environment. Our methodology does not include doing the work for them, but rather elevating their skills and giving them the tools, knowledge, practise and feedback so that they are highly proficient at leading a high-performance team.

We're not just shaping skills and application. We're shifting mindsets that enable complex systems and operations to function at a high performance level with teams who develop leadership and fortitude, to a very high standard.

Everything we do is validated, measured and reported on so that the value that is implemented can be captured and cascaded through the organisation.

Sustainable solutions are also created so that opportunities are managed successfully with efficiency and confidence, supporting ongoing performance, communication and growth.

Our many case studies demonstrate the significant measured value and positive impact we deliver to organisations looking to be the best at what they do. Please contact us to find out more.



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