

Capability By Design



Integrated Production Support Solutions

Achieving Production, Minimising Cost, Managing Risk

Managing complex, high energy, high risk plant to ensure production is achieved, costs are minimised and risks are managed requires that you and your team are able to answer difficult questions, such as:

- What maintenance maximises profit while managing risk?
- What maintenance changes are needed to support a change in production?
- What are the safety, environmental and production risks if I defer and/or cancel a shutdown?
- How well do current maintenance plans match my production and business needs?
- How should maintenance be restructured when budgets are cut?

Capability By Design (CBD) has been assisting managers to responsibly answer these questions for over 15 years.

In that time, CBD has developed significant experience and refined a number of processes and tools that integrate the entire business of asset management.

CBD will independently examine your current situation and deliver a range of production support solutions tailored to your specific needs.

These support solutions will identify the best integrated outcome in response to any or all of:

- plant availability improvements
- shutdown changes
- O&M and Capital budget cuts
- production and quality improvements
- changes to the business and production drivers.

They will be determined using “What If” analyses employing advanced reliability, maintenance and risk modelling techniques.

CBD understands the demands placed on your team, so we deliver our service to minimise impact on their time. Our team of experienced and qualified asset management professionals will collect system and performance data on-site, and analyse it off-site.

Our service also:

- identifies and quantifies risks to production, plant, safety and the environment
- minimises cost by identifying maintenance critical to production and availability while managing risk
- enables sharing and re-use of corporate knowledge of plant function, maintenance and risk.

linking

production to

maintenance

enables you to

control costs and

manage risk



How it works

The service is a 5 step process that takes place under the watchful oversight of senior asset management professionals certified by the Asset Management Council (Australia). The steps are as follows:

1. Kick-off meeting with your staff to scope the project: establish contacts, identify critical issues, business drivers, areas of concern, required reports.
2. CBD's asset management professionals become familiar with plant and local issues and access relevant data from your Enterprise Resource Planning or Maintenance Management system.
3. CBD asset management professionals analyse data off-site. Analyses produce options with progressive feedback as appropriate. An interim report is delivered.
4. Final report with recommendations, discussion and justification, and reports.
5. Assistance in implementation of approved recommendations (optional).

This process can be tailored to meet individual circumstances and needs.



For more information about this service, or any other asset management issues, please contact CBD using the information found at the bottom of this sheet.



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