

CASE STUDY MANUFACTURING CQMS RAZER



Maryborough foundry invests in people and processes to build a stronger business. CQMS Razer is passionate about their staff and were eager to find opportunities to build their business in the wake of the mining industry boom in Australia.

ENGAGEMENT PAYS OFF

CQMS Razer is a world leader in the design, manufacture and field-life management of large surface mining and fixed plant equipment and parts. The Maryborough foundry has been operating for over 145 years (CQMS Razer, 12 years) and is one of the largest alloy steel casting foundries in Australia.

PEOPLE ARE OUR MOST VALUABLE ASSET

The downturn in the mining industry over the last few years has affected CQMS Razer and production has consequently decreased. When times are tough, the company needed to refocus their energies to maintain a sustainable and profitable business.

The company has used the slow-down to invest in people and processes and have attained ISO9001, ISO14001 and ISO18001 certification. They have also adopted lean manufacturing processes which go hand in hand with ecoBiz practises. The move to gain ISO certification will make the company more competitive within Australia and internationally. They have established a close partnership with Chinese suppliers and are assisting them to improve their own HSE practises – a great outcome and use of their expertise.

OUTCOMES

CQMS Razer has leveraged ISO certification and lean manufacturing techniques to improve staff engagement and performance across the company. Staff are provided training to certificate IV level and also operate under a 'customer-supplier' model with internal service agreements between departments. The staff training and recognition scheme has resulted in a list of waste reduction projects being raised by staff and also a happier, more engaged workforce with improved management skills at all levels.

Visit the CQMS Razer website for more information
www.cqmsrazer.com/company/cqms-razer-company-overview/

CQMS RAZER

The objective of CQMS Razer is to continue being world leaders in their field including in investment in people and processes.

ACTION PLAN HIGHLIGHTS

- 95% of solid waste is recycled, up from 73% in 2012
- Reuse of timber rables to scrape slag instead of being sent to landfill
- Various alternatives identified for beneficial reuse of foundry sand waste
- Improvements in segregation of recyclable and general waste
- Improved administrative procedures reducing office paper use
- Dry cleaning instead of water and chemicals used in some areas
- The potential for runoff to storm-water was successfully solved by a staff project team which developed the 'spill saver' to eliminate the risk of runoff to the Mary River.
- Development of more stringent shutdown procedures to ensure equipment is turned off at the end of the day
- A successful recognition scheme where employees select and reward team mates for the 'idea' of the month.

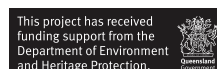
SAVINGS



Savings as at 2014.

THE ECOBIZ TEAM IS ALWAYS AVAILABLE TO HELP YOU.

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