CASE STUDY

Increasing plant availability and driving costs down

Operation:	**IRON ORE PROCESSING**
Location:	**PILBARA REGION, WESTERN AUSTRALIA**
Project Duration:	**JANUARY 2011 - PRESENT**

Project Overview

Elastomers Australia was invited to design and trial a solution with the objective of transitioning the customer's cyclone plant shutdowns from 12 to 24 weeks.

The solution was trialed alongside the incumbent and one other supplier.

Solution

To demonstrate the solution, EA supplied a deck to trial alongside the incumbent and an additional competitor.

After the 24 week cycle, EA's solution proved to be the most successful with the least wear of the three options.

EA was able to immediately implement a seamless transition plan and roll-out the solution over 3 x Modular shuts in a six month period.

Outcome

Over the past eight years, EA has developed a highly successful working relationship with the site.

Results have been highly positive:

- The original objective to transition the shut cycle from 12 to 24 weeks
- Plant availability increased by at least 200 hours per annum
- Currently achieving a 48-week service cycle
- Reduced panel consumption by 25 per cent, equating to a product saving of $500k p.a.
- Additional cost savings and revenue opportunity achieved through increased plant availability

This is the result of an ongoing collaborative partnership with the customer and EA's commitment to R&D.

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