

## HUNTER VALLEY | CASE STUDY

## Magnetite Recovery

*Elastomers Australia has supplied and serviced this plant located in the Hunter Valley since 1999*

### Objective

As part of the ongoing relationship and thorough understanding of the operations, the customer engaged with Elastomers Australia to assist in reducing their Magnetite Consumption.

Elastomers Australia were requested to implement a tailored solution that would reduce overall Magnetite Consumption whilst ensuring plant availability and production targets were not compromised.

### Solution

#### Tailored Product Integration service strategy

Through easa program initiatives and extensive stakeholder collaboration, coupled with ongoing data analysis, a tailored product solution was designed to reduce the Magnetite Consumption.

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#### Integration service strategy

A custom designed servicing strategy and program was integrated into the site Operations, supporting the tailored product which targeted reduction in Magnetite Consumption.

### Outcome

Reduction in Magnetite Consumption = **\$351,648** p.a. &

Reduction in screen media cost = **\$24,000**

Total annual Saving of...

**\$375,648\***

\* Annual saving calculated based on information shared between Elastomers Australia and the customer

**BOWEN BASIN | CASE STUDY**

**Magnetite Recovery**

*Elastomers Australia has supplied and serviced this plant located in the Bowen Basin since 2004*

## Objective

Due to various changes in the CHPP and coal quality being processed, the Magnetite Consumption increased, leading to unfavourable changes to total costs of operations. The overall objective was to reduce magnetite usage, to assist in lowering overall costs.

## Solution

### Tailored Product Integration

Through its extensive knowledge of the CHPP, Elastomers Australia identified a number of opportunities to address high Magnetite Consumption at site.

Elastomers Australia implemented tailored product solutions designed to address magnetite usage, without compromising other maintenance and processing objectives.

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### Integration service strategy

The tailored product solutions were integrated and continuously assessed by Elastomers Australia's experienced service technicians through its tailored service strategy, enabling the program to deliver significant reduction in magnetite and overall costs.

## Outcome

Reduction in Magnetite Consumption = **1,646,040**

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Reduction in screen media cost = **\$19,500**

**Total annual Saving of...**

**\$1,665,540\***

\* Annual saving calculated based on information shared between Elastomers Australia and the customer