BEST PRACTICE

LOCATION:	**Cement plant**	**ARTICLE YEAR**	**2024**
ACTIVITY:	**Maintenance & Housekeeping**	**COMPANY:**	**Blue Phoenix**
SUB ACTIVITY:	**Crushers**	**COMPANY LOCATION:**	**Cleveland**
BEST PRACTICE No:	**BP2247**	**COMPANY TEL:**	**0000**
COUNTRY OF ORIGIN:			

TITLE

To reduce interaction with the apron, utilize crusher jacking point as necessary and reduce downtime.- Topic 2 - Highly Commended

ARTICLE

TOPIC 2 - Highly Commended

During the processing of IBA objects will go through the crusher and on occasion, there are heavy objects (hammer heads, dumb bells etc) that are not ferrous and are missed by over band magnets. These items have the potential to extend the adjustable spindles, causing misalignment with the apron. Rectifying this requires opening the impact crusher and employing pull lifts to realign it, leading to significant downtime with the whole process plant being shut down and isolated, and potential safety risks to those involved in the job.

Recognizing these challenges, discussions followed with management and contractors to explore feasible solutions. The primary goals were to reduce site downtime and enhance worker safety by minimizing interaction with the apron under pressure, mitigating the risk of injury.

Please see additional pdf for details of the design process

ARTICLE IMAGES