

# RELIABILITY PROGRAMS: ENSURING YOUR SUCCESS

Partnership at BID means working alongside our customers for the entire operational life cycle to help them achieve greater success. The following success stories offer insight into how BID Reliability solutions help our clients reach their goals.



## OPERATION A CHALLENGES

Two years after Operation A turnkey project was commissioned, a routine follow-up visit recognized opportunities for improvement. After a two-week assessment, the BID Reliability team collaborated with operational personnel to identify key challenges the operation was experiencing, such as:

- Machinery that was being operated outside of optimal conditions, causing breakdowns
- Knowledge gaps in equipment maintenance protocols
- A lack of real-time insights into production line and machine health that made it difficult to easily identify where problems were occurring and effective root cause insights
- An insufficient inventory of critical spare parts

## Tailor-made Reliability Program designed for the customer

- Mechanical maintenance on machinery that was breaking down unnecessarily
- Line speed reduced to minimize risks of cross-up and breakage: overall productivity increase as a result of improved lug fill and reduced machine downtime
- Training staff on preventive maintenance protocols through a custom hands-on training program based on the unique needs of the mill
- Deployment of a full-time, on-site BID Reliability Champion to work with management to fully enable the progression of training and implement the necessary resources to train new employees

- Installation of OPER8™ to provide real-time feedback on production throughput, asset availability, and quality assurance
- Optimization of critical spare parts inventory

### Operation A: Celebrating success

Over the course of a year, the operation achieved an 18% increase in production representing millions of board feet of increased production and associated profitability.

With the coaching and support resources provided coupled with the deployment use of OPER8™, the mill has been able to maintain the results delivered by the Reliability Program.

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## OPERATION B CHALLENGES AND SUCCESS

Operation B recognized the achievements of Operation A and wanted to replicate that success. The facility had been in operation for about 12 months and wanted to ramp up their production capability, so they called in the BID Reliability team to help identify opportunities.

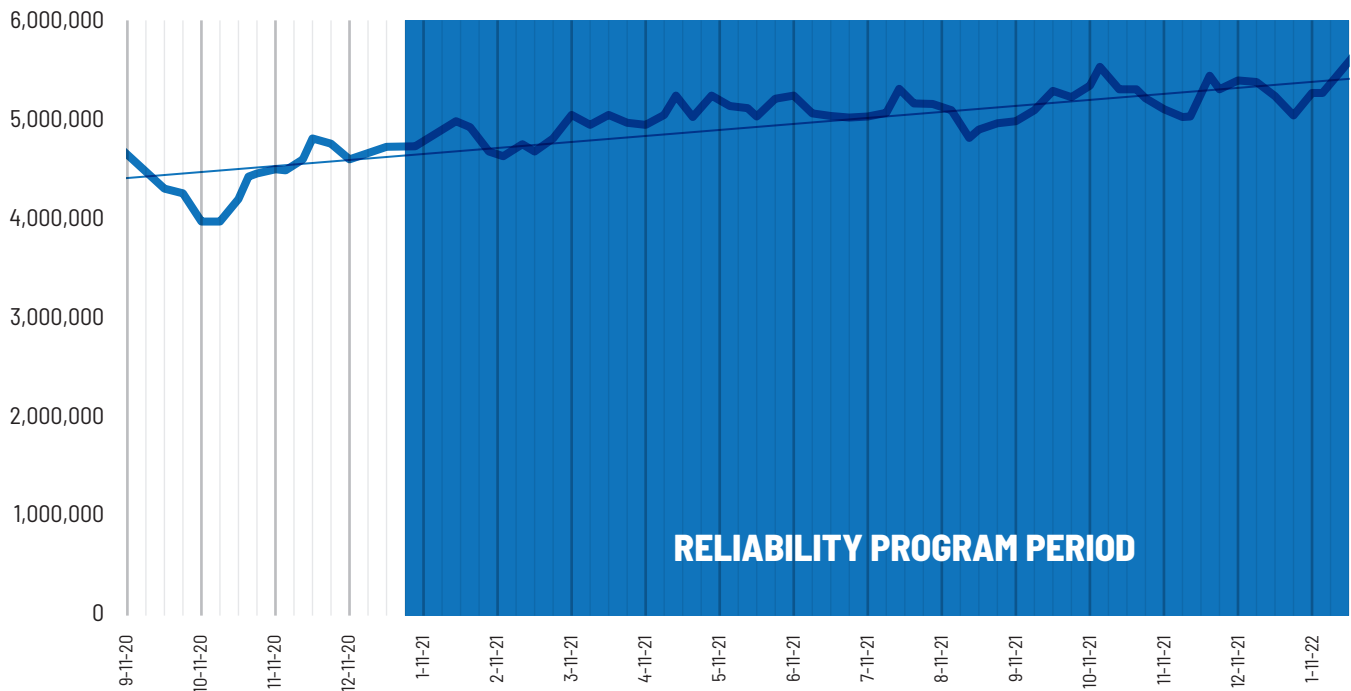
The equipment was operating well, and OPER8™ software was installed. The challenges were related to mill personnel who were new to the industry and needed advanced technical training to rapidly develop expertise.

Following an assessment of the site, a plan was developed to coach, train, and mentor the management, operational, and maintenance groups to identify and implement process changes to improve efficient machine and product flow. The plan was implemented with the use of a full-time BID Reliability champion and BID service team members.

Over the course of a year, the operation achieved a 15% increase in production.



## AVERAGE WEEKLY PRODUCTION IN BOARD FEET



To get all the benefits of a Reliability Program, contact us.

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