



Leadership

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How a Leading Specialty Minerals Supplier Will

Increase Asset Availability and Reduce Costs by 30% in 12 Months

Objective:

Conduct Assessment at Client's Largest North American Plant and Deliver a Reliability Roadmap to Improve the Maturity of the Organization and Identify Quick Wins

Nexus Global was engaged by a leading supplier of specialty minerals for industry to conduct a comprehensive review at their premier plant and identify opportunities to further strengthen the company's portfolio and solidify its status as an industry leader. A key objective of the project was to improve the plant's highly reactive culture by providing a united, disciplined approach with a deeper understanding for the value of systems and processes to deliver intended results.

To support the client, Nexus Global proposed to conduct an on-site assessment at the plant with a full report detailing the current state of the organization in comparison to best practice and deliver a reliability roadmap to show the path forward including quick wins. To achieve the goal, the following challenges were identified and addressed:

- Lack of communication throughout the organization, but particularly at departmental level
- Poor documentation; resulting in gathering of artifacts slow and difficult
- Reactive culture with a normalization of deviance with work consistently behind schedule
- Increased downtime with main grinder operating at 50% capacity

Solution:

Conduct an On-Site
Assessment of the
Plant and Develop a
Roadmap Using
Business Optimizer™

During the 4-week assessment, the Nexus Global team was onsite to conduct interviews, DILOs, surveys, and gather artifacts to support the project. The data was then loaded into Business Optimizer™ to properly assess the plant against world class standards while simultaneously building the improvement plan needed to achieve the client's goals. Once generated, the final report and roadmap were presented to site management and external executives for review.

- Facilitated numerous interviews with various departmental personnel
- Completed a total of 4 Day in the Life (DILO) studies
- Administered 2 sets of surveys to both maintenance and operations
- Collected artifacts from various document holders within the organization

Results:

The Assessment
Delivered a Reliability
Roadmap To Improve
Asset Availability and
Maintenance Costs by
Up to 30% in 1 Year

The assessment was completed on time and well-received, with the Business Optimizer™ roadmap demonstrating a clear path to the client's goal of achieving operational excellence. The client can expect a ROI by 12 months with significant improvements in asset availability, maintenance costs, and uptime to ultimately instill a proactive culture.

25-30%

Increase in
Asset
Availability

20-30%

Reduction in
Over Time
Costs

15%

Increase in
Recovery



Proactive
Culture



Leadership

The core of any APM initiative.

Leadership can inspire integrity, passion, innovation, and vision. However, the success of leadership is ultimately measured by the leader's ability to be a key enabler to the company's vision, mission, and improvement programs. Systems and technology provide invaluable data to make decisions, but people make the decisions, act on those decisions, and execute strategies to drive value in those decisions. Appreciate the value of people and keep them at the forefront of the equation.