

Conveyor System Upgrade for Sendelingsdrif Diamond Mine



Project Overview:	Conveyor System Upgrade for Sendelingsdrif Diamond Mine
Client:	Namdeb
Location:	Sendelingsdrif, Namibia
Completion Date:	2018

Scope:

Faced with the challenge of integrating a new, larger Run of Mine (ROM) into the existing operations, Namdeb enlisted ET-Global to conduct a structural analysis and provide design recommendations for repurposing and modifying the conveyor system at the Sendelingsdrif Diamond Mine to handle additional loading.

Key Contributions:

- Performed an in-depth structural analysis of the existing conveyor system to assess its ability to accommodate increased loading from the new ROM.
- Identified critical areas requiring strengthening or modification to ensure the conveyor system's integrity and operational efficiency under the heightened load conditions.
- Developed comprehensive design recommendations focused on enhancing the structural capacity and resilience of the conveyor system, ensuring it meets the new operational demands.
- Collaborated closely with Namdeb to ensure the proposed modifications align with operational requirements and safety standards, facilitating a smooth transition to increased production capacity.
- ET-Global's technical expertise provided Namdeb with actionable insights and solutions, enabling the Sendelingsdrif Diamond Mine to effectively adapt its conveyor system for enhanced productivity and longevity.