



CASE STUDY

MINERAL SANDS COMPANY UPGRADES ONSITE FLOW SYSTEMS



✓ **CRITICAL TIMELINES** ✓ **CUSTOMISED FABRICATION** ✓ **ZERO SAFETY INCIDENTS**

••••• **Completed on a tight schedule, a maintenance shutdown in WA.**

C&S Mining Services was commissioned to undertake a critical project for a client in Western Australia (WA) during a scheduled maintenance shutdown. The project involved fabrication of customised launders, pipe work & structural steel works, to accommodate the structural integrity of the building with the new launders. These launders are an essential component for increasing production, while reducing production cost and downtime. The project was due to be completed within a very tight schedule to ensure that the client's operations could resume promptly after the maintenance shutdown.

CHALLENGES

- Critical timeframe for project completion during the plant shutdown.
- Existing infrastructure required upgrade to withstand new load-bearing.
- Strict fabrication & delivery requirements.

SOLUTIONS

- C&S Mining Services' expert team worked round-the-clock, including project specific night shifts.
- Developed a comprehensive plan addressing all project aspects, from fabrication to installation.
- Collaborated with the client to understand site requirements and meet engineered specifications.
- Rubber lining was applied to launders and pipework for abrasion and wear protection.
- Thorough painting process for appearance & environmental protection.
- Safe & timely delivery of customised components to site.

OUTCOME

- Project completed within the tight schedule, on budget, and to the client's satisfaction.
- Zero safety incidents.
- High-quality components contributed to improved site productivity & profitability.
- Client resumed operations as planned after the maintenance shutdown.

PROJECT HIGHLIGHTS

- **Completed within tight schedule, on budget, and to the client's satisfaction.**
- **Zero safety incidents.**
- **Superior-quality fabricated products.**
- **Client resumed operations on-time after the maintenance shutdown.**

ENQUIRIES

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