

TSM Performance by Company

Nyrstar



Nyrstar is a global multi-metals business with market leading positions in zinc and lead, and growing positions in other base and precious metals. Nyrstar employs approximately 4,100 people and has mining and smelting operations located in North America, Australia and Europe. This includes two mines located in Canada: Myra Falls in British Columbia and Langlois in Quebec. The company's corporate office is located in Zurich, Switzerland.

At Nyrstar, sustainability is viewed as a key driver of business success, and the company is committed to working with its stakeholders to achieve continual improvement in safety, health, environment and community (SHEC) performance. Nyrstar's Group SHEC Management Framework sets the direction for all SHEC activities and establishes a common approach to the management of SHEC risks at Nyrstar's sites. The Framework is aligned with ISO 14001 and OHSAS 18001, and most of Nyrstar's sites are certified to these standards. The TSM performance Protocols help Nyrstar's Canadian sites address key safety, health and environmental risks and processes responding to the TSM requirements and ensure they are integrated into the sites' SHEC management systems.

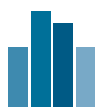
The Myra Falls and Langlois operations joined Nyrstar in 2011 as part of the acquisition of Breakwater Resources. Nyrstar Myra Falls is an underground base metal mine located on Vancouver Island, 90 kilometres southwest of Campbell River, British Columbia. The mine's location inside Strathcona Provincial Park on Vancouver Island presents unique challenges that heighten the importance of robust environmental and community management programs. The Myra Falls operation has been on care and maintenance since 2015 but is set to restart operations in mid-2018. As TSM applies to operating facilities, public reporting of TSM performance will resume once the mine recommences production activities. In the meantime, the mine is working to address gaps identified during its internal self-assessment.

The Langlois Mine is located in northwest Quebec near the town of Lebel-Sur-Quévillon. Following a period of care and maintenance, the mine resumed commercial production in 2012 and has been reporting TSM results publicly since 2015. The externally verified self-assessment results for 2017 confirmed the implementation of prioritized SHEC control processes such as health and safety management systems and an operation, maintenance and surveillance (OMS) manual for the site's tailings storage facility. However, it also revealed several improvement opportunities related to the mine's management programmes for crisis preparedness, safety and health, environment and community engagement. These opportunities are being addressed through focused action plans, training and other efforts aimed at strengthening the SHEC performance of the site.

🔗 For more information, please visit www.nyrstar.com



The Nyrstar Langlois Mine in Quebec.



Externally
Verified Results

2017 TSM Results

Nyrstar

Crisis Management and Communications Planning Assessment

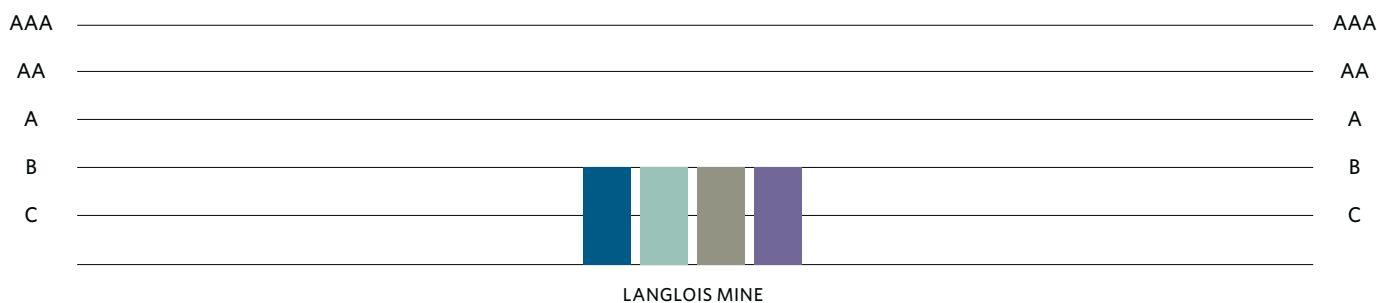
FACILITY	PREPAREDNESS	REVIEW	TRAINING
CORPORATE	✓	×	×
LANGLOIS	✓	×	×

Preventing Child and Forced Labour

FACILITY	PREVENTING FORCED LABOUR	PREVENTING CHILD LABOUR
LANGLOIS	✓	✓

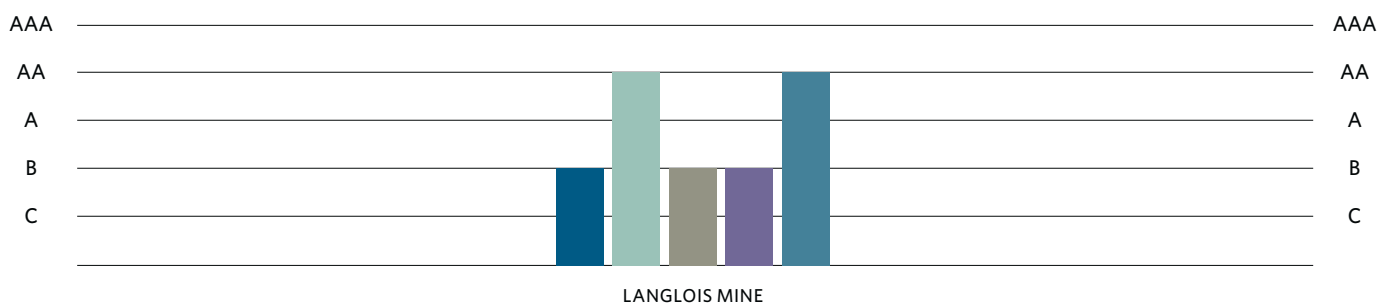
Aboriginal and Community Outreach Assessment

- COMMUNITY OF INTEREST (COI) IDENTIFICATION
- EFFECTIVE COI ENGAGEMENT AND DIALOGUE
- COI RESPONSE MECHANISM
- REPORTING



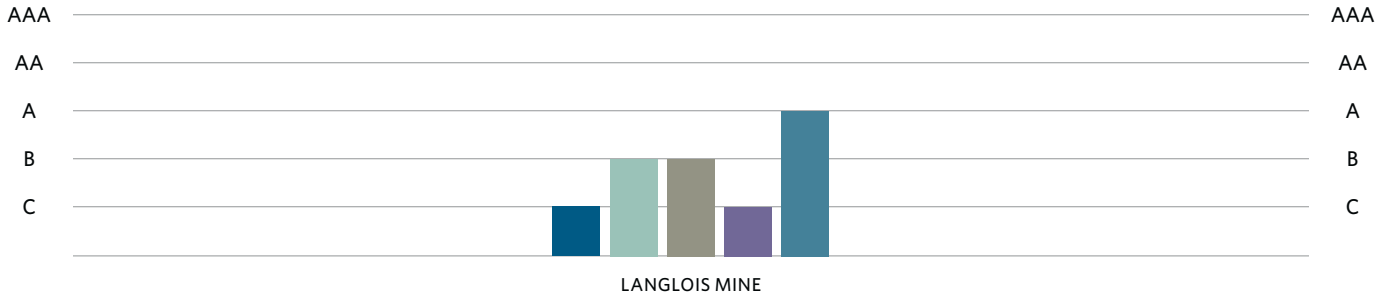
Safety and Health Assessment

- COMMITMENTS AND ACCOUNTABILITY
- PLANNING AND IMPLEMENTATION
- TRAINING, BEHAVIOUR AND CULTURE
- MONITORING AND REPORTING
- PERFORMANCE



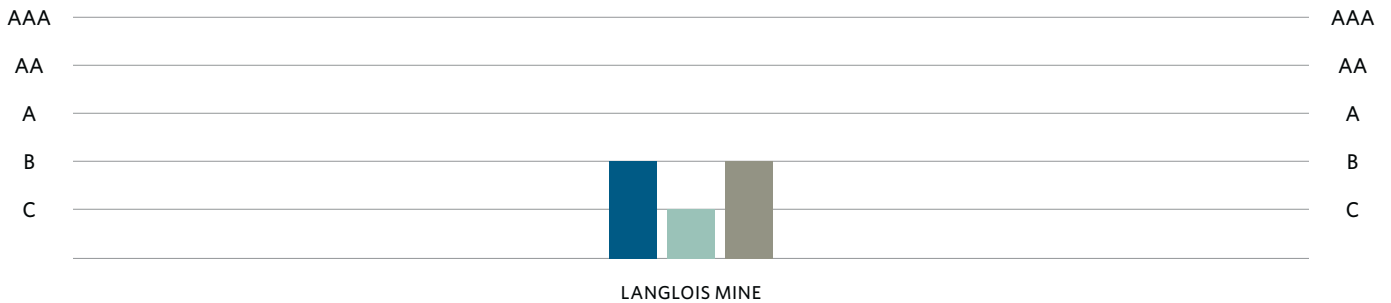
Tailings Management Assessment

- TAILINGS MANAGEMENT POLICY AND COMMITMENT
- ANNUAL TAILINGS MANAGEMENT REVIEW
- TAILINGS MANAGEMENT SYSTEM
- OPERATION, MAINTENANCE AND SURVEILLANCE (OMS) MANUAL
- ASSIGNED ACCOUNTABILITY AND RESPONSIBILITY FOR TAILINGS MANAGEMENT



Biodiversity Conservation Management Assessment

- CORPORATE BIODIVERSITY CONSERVATION POLICY, ACCOUNTABILITY AND COMMUNICATIONS
- FACILITY-LEVEL BIODIVERSITY CONSERVATION PLANNING AND IMPLEMENTATION
- BIODIVERSITY CONSERVATION REPORTING



Energy Use and GHG Emissions Management Assessment

- ENERGY USE AND GHG EMISSIONS MANAGEMENT SYSTEMS
- ENERGY USE AND GHG EMISSIONS REPORTING SYSTEMS
- ENERGY AND GHG EMISSIONS PERFORMANCE TARGETS

