Management System Summary

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1 Environmental Management System (EMS) Summary

The Environmental Management System (EMS) at Seloxium Ltd will adhere to the BS 8555 framework. The key objectives of this system are:

1. **Manage and reduce the environmental impact** of Seloxium's operations.

2. **Enhance resource efficiency and reduce costs**, focusing on energy efficiency and maximising the recovery of precious and base metals to offset primary mining activities.

3. **Ensure compliance with regulatory requirements**.

4. **Engage all levels of the business** to minimise the environmental impact of operations.

5. **Continuously improve and enhance environmental performance**.

To establish this EMS, Seloxium will:

- Record baseline performance and establish data requirements.

- Define compliance requirements, including EA compliance, hazardous material transport, and adherence to the Wilton site environmental policy.

- Identify roles and responsibilities for establishing, monitoring, and complying with the EMS.

- Document significant environmental impacts and how they can be managed.

- Identify annual environmental improvement opportunities, set objectives, and review them.

- Maintain records of operational controls.

- Evaluate emergency preparedness and document responses.

- Train the team on the importance of the EMS and their responsibilities.

- Keep training records to ensure team awareness of EMS obligations and emergency actions.

- Establish auditing procedures for EMS compliance and correcting nonconformities.

- Outline reporting frequency and continuous improvement approaches.

- Include a plan detailing water and electricity suppliers, isolations, and drain locations relevant to activities.

- Develop operating procedures for each processing unit, covering start-up, normal operation, and shutdown, with potential environmental impacts and mitigations.

- Provide a waste control procedure for storage, including descriptions of waste types, storage duration, segregation, and compliance auditing.

- Implement a fire prevention plan.

- Schedule process unit maintenance and record statutory checks.

- Create a contingency plan for external events that could cause environmental waste release.

- Develop an accident prevention and management plan to mitigate pollution risks and ensure permit compliance.

- Consider the impact of climate change on operations.

- Keep records of all waste passing through the business.

2 References

The_British_Standards_Institution. (2016). *BS 8555: 2016 Environmental management systems (Phased implementation) - Guide.* BSI Standards Limited 2016.