

# **ENVIRONMENTAL MANAGEMENT SYSTEM**

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## **Summary and Certification**

The site's Environment Management system (EMS) has been certified since 2009 and is set within the Barrow Mill Information System (BMIS), commonly referred to by site personnel as the "Underground", on the site "intranet" electronic data network.

The EMS is comprised of the following main sections:

- 4.1: Context of the organization
- 4.2: Needs and expectations of interested parties (external and internal issues)
- 4.3: Scope
- 5.1: Leadership and commitment
- 5.2: Environmental policy
- 5.3: Organisational roles, responsibilities and authorities
- 6.1.2: Environmental aspects
- 6.1.3: Compliance obligations
- 6.1.4: Planning action
- 7.1: Resources
- 7.2: Competence
- 7.3: Awareness
- 7.4: Communication (internal and external)
- 7.5: Documented information
- 8.1: Operational Planning and Control
- 8.2: Emergency preparedness and response
- 9.1: Monitoring, measurement, analysis and evaluation
- 9.2: Internal audit
- 9.3: Management review
- 10: Improvement (nonconformity and corrective action; continual improvement)

Barrow Mill's has identified significant environmental aspects and associated risks and opportunities that need to be addressed are used to prioritise actions to manage and mitigate these aspects and these are set out in the Environmental Management Plan held on the green Underground.

Action Plans are reviewed and revised accordingly at the 6 monthly Site Environmental Management Review Meeting. The Environmental Management Review will make recommendations to ensure that those risks and opportunities that could affect the intended outcomes of the EMS are taken into account and planned for via the most appropriate business processes.

Key operational controls, which address the most significant environmental risk issues for the site and operations, include documented procedures for:

- Control of Waste, Segregation, Handling and Storage (PR-27239)
- Duty-of-Care Waste Management (PR-27330)
- Effluent Plant Controls (EP Control Plan.xls)
- Bacteria Control Management (PR-27317)
- Chemical Management (PR-27346)
- Management of Radioactive Devices (PR-27308)
- Control of spills (PR-27351)
- Freshwater Management (PR-27344)
- Control of Waste Crumble from Site (PR-27338)
- Effluent Plant: Running Guidance and Plant Operation (PR- 28670)
- Effluent Plant: Operating Parameters (PR- 28671)

Other operational control issues where there is an environmental control component are addressed through the respective Safe Working Practice (SWP) documentation for the activity concerned. See PR-27235 (Operational Control Procedure).

An Emergency Response Plan (PR-29331) and an Evacuation Procedure (PR-29330) have also been implemented at the site.